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SEARCH REQUEST FORM

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Scientific and Technical Information Center

(31)

Requester's Full Name: Jim McChellan Examiner #: 75466 Date: 10/9/2003
 Art Unit: 3627 Phone Number 305-0212 Serial Number: 09/912079
 Mail Box and Bldg/Room Location: PK5-7X07 Results Format Preferred (circle): PAPER DISK E-MAIL

If more than one search is submitted, please prioritize searches in order of need.

Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: System Method and Article of Manufacture
for identifying and tracking usage of a layer-
feature medium
 Inventors (please provide full names): Todd Collier

Earliest Priority Filing Date: 7/24/00

For Sequence Searches Only Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.

STAFF USE ONLY

	Type of Search	Vendors and cost where applicable
Searcher: <u>Jim McChellan</u>	NA Sequence (#) <u> </u>	✓ STN <u> </u>
Searcher Phone #: <u>305-5774</u>	AA Sequence (#) <u> </u>	✓ Dialog <u>\$580.97</u>
Searcher Location: <u>ELC 3600</u>	Structure (#) <u> </u>	Questel/Orbit <u> </u>
Date Searcher Picked Up: <u>10-15-2003</u>	Bibliographic <u>✓</u>	Dr.Link <u> </u>
Date Completed: <u>10-15-2003</u>	Litigation <u> </u>	Lexis/Nexis <u> </u>
Searcher Prep & Review Time: <u>60</u>	Fulltext <u> </u>	Sequence Systems <u> </u>
Clerical Prep Time: <u> </u>	Patent Family <u> </u>	✓ WWW/Internet <u> </u>
Online Time: <u>145</u>	Other <u> </u>	Other (specify) <u> </u>



STIC Search Report

EIC 3600

STIC Database Tracking Number: 105785

TO: Jim McClellan
Location: PK5 7X07
Art Unit : 3627
Wednesday, October 15, 2003

Cas Serial Number: 09/912079

From: Ginger Roberts DeMille
Location: EIC 3600
PK5-Suite 804
Phone: 305-5774

Ginger.roberts@uspto.gov

Search Notes

Dear Examiner McClellan:

Please find attached the results of your search for 09/912079.

The search was conducted using the mandatory database lists for Business Methods.

These other sources were also used: Internet, STN

If you have any questions, please do not hesitate to contact me.

Thanks for using EIC3600!

Ginger

*Order two files full text
- JP 11250571
- 2003012099 w Pub.*

Search Report from Ginger R. DeMille

? show files

File 350:Derwent WPIX 1963-2003/UD,UM &UP=200365
 (c) 2003 Thomson Derwent
 File 344:Chinese Patents Abs Aug 1985-2003/Apr
 (c) 2003 European Patent Office
 File 347:JAPIO Oct 1976-2003/Jun(Updated 031006)
 (c) 2003 JPO & JAPIO
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 (c) 2003, EBSCO Pub.
 File 256:SoftBase:Reviews,Companies&Prods. 82-2003/Sep
 (c)2003 Info.Sources Inc
 File 474:New York Times Abs 1969-2003/Oct 14
 (c) 2003 The New York Times
 File 475:Wall Street Journal Abs 1973-2003/Oct 13
 (c) 2003 The New York Times
 File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13
 (c) 2002 The Gale Group

? ds

Set	Items	Description
S1	293116	(TRACK? OR TRACE? OR MONITOR? OR IDENTIFY? OR SURVEILLANCE? OR DETECT? OR WATCH? OR RECORDING OR COMMUNICATING OR TRANSMIT? OR TRANSMISSION OR RELAY?) (3N) (USAGE OR USE OR OPERATION - OR PLAYING OR OPERATE OR OPERATES OR OPERATING)
S2	214342	(RECORDING OR RECORD OR TAPE OR PLAYBACK OR CD OR DISK OR - DISC OR AUDIO? OR MUSIC) (2W) (PLAYER? ? OR DEVICE OR RECORDER) OR JUKEBOX?? OR JUKE()BOX?? OR CD()PLAYER OR CDPLAYER? OR MC==(W04-C10A1 OR W04-C10A2 OR W04-C10A3 OR W04-C10A4 OR ...
S3	240578	(RECORDING OR RECORD OR TAPE OR PLAYBACK OR CD OR DISK OR - DISC OR AUDIO) (2W) MEDIUM OR MINIDISK OR MINIDISC OR MINI()DISK OR (FLOPPY OR SOFT OR MINI)()DISC OR "3??DISK OR 3??DISC"
S4	472328	(AUDIO? OR VISUAL) (2W) (RECORD OR FILM OR TAPE OR PHONOGRAPH) OR RECORD(1W) CARRIER? ? OR TAPE OR MC=(T01-H01B1? OR T03-N01? OR T03-B01?) OR IC=G11B-007/24:G11B-007/26
S5	34447	(DIGITAL? OR STORED OR STORING OR ENCOD? OR EMBED? OR ATTACH? OR INCORPORAT? OR INCLUD?) (2N) (IDENTIFIER? OR ID OR MARKER? ? OR TAG? OR LABEL? OR MARK? ?)
S6	614454	IDENTIFIER? OR ID OR MARKER? ? OR TAG? OR LABEL? OR MARK? ?
S7	624015	INDICIA? OR INDICIUM OR TOKEN OR SIGNATURE OR SIGN OR KEY
S8	10049	(TWO OR "2" OR SECOND OR PLURALITY) (1W) S6
S9	3101115	CLIENT? OR PC OR WORKSTATION? OR COMPUTER OR DESKTOP OR TERMINAL OR NODE
S10	1771782	SERVER? OR INTERNET? OR INTRANET? OR WEB OR NETWORK?
S11	355216	INTENDED()USE OR RENTAL OR RETAIL OR SALE
S12	0	S1 AND S2 AND (S3 OR S4) AND S5 AND S6 AND S9 AND S10 AND - S11
S13	19	S1 AND S2 AND (S3 OR S4) AND S5
S14	17	S13 FROM 350,344,347,371
S15	2	S13 NOT S14
S16	2	RD (unique items)
S17	17	S1 AND S2 AND (S3 OR S4) AND S6 AND S7

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*S18	16	S17 NOT S13
S19	16	S18 FROM 350,344,347,371
S20	7	S1 AND S2 AND (S3 OR S4) AND S11
S21	6	S20 FROM 350,344,347,371
S22	1	S20 NOT S21
S23	6	S21 NOT (S19 OR S13)
?		

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? t14/4/all

14/4/1 (Item 1 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2003 Thomson Derwent. All rts. reserv.

IM- *Image available*

AA- 2002-266875/200231|

XR- <XRPX> N02-207410|

TI- Performance data **recording device** for viewing baseball games by accessing performance site, stores data with identifier when input data identifier from outside coincides with identifier in data received by receiver|

PA- SHARP KK (SHAF); KAWAJIRI M (KAWA-I)|

AU- <INVENTORS> KAWAJIRI M|

NC- 002|

NP- 002|

PN- US 20010041047 A1 20011115 US 2001852001 A 20010510 200231 B|

PN- JP 2002051320 A 20020215 JP 2001133575 A 20010427 200231|

AN- <LOCAL> US 2001852001 A 20010510; JP 2001133575 A 20010427|

AN- <PR> JP 2001133575 A 20010427; JP 2000137722 A 20000510|

LA- US 20010041047(28); JP 2002051320(17)|

AB- <PN> US 20010041047 A1|

AB- <NV> NOVELTY - A receiver receives data distributed through a distribution medium. A comparing unit compares data **identifier included** in the received data and data identifier input from the outside. A storing unit stores data having the data identifier, when the compared data identifiers coincide with each other.|

AB- <BASIC> DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- (a) Data **recording medium** that stores data recording program;
- (b) Performance recording system;
- (c) Data recording program;
- (d) Performance entrance ticket

USE - For enjoying events such as baseball games, theatrical performances by going to the sites of performances such as baseball stadiums, theaters to watch games or performance or programs broadcast on TV.

ADVANTAGE - Enables providing to a user lively memories from actual, pleasant experience related to a performance while readily obtaining an accurate record of performance contents, by which user enjoys the actual performance without being troubled by **recording operation**.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of the performance recording system.

pp; 28 DwgNo 1/14|

DE- <TITLE TERMS> PERFORMANCE; DATA; RECORD; DEVICE; VIEW; BASEBALL; GAME; ACCESS; PERFORMANCE; SITE; STORAGE; DATA; IDENTIFY; INPUT; DATA; IDENTIFY; COINCIDE; IDENTIFY; DATA; RECEIVE; RECEIVE|

DC- W02; W04|

IC- <MAIN> H04N-005/76; H04N-007/16|

IC- <ADDITIONAL> G06F-012/00; G06F-017/60; G06K-017/00; H04N-005/44; H04N-005/445; H04N-007/00|

MC- <EPI> W02-F; W04-F|

FS- EPI||

14/4/2 (Item 2 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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Search Report from Ginger R. DeMille

IM- *Image available*

AA- 2001-631469/200173|

XR- <XRPX> N01-471336|

TI- Optical information recording and reproducing method for optical **recording medium** involves reproducing record mark based on difference of optical property of small crystal, and large and rough crystal|

PA- KEIZAI SANGYOSHO SANGYO GIJUTSU SOGO KEN (KEIZ-N); SHARP KK (SHAF)|

NC- 001|

NP- 001|

PN- JP 2001229534 A 20010824 JP 200032354 A 20000209 200173 B|

AN- <LOCAL> JP 200032354 A 20000209|

AN- <PR> JP 200032354 A 20000209|

LA- JP 2001229534(8)|

AB- <PN> JP 2001229534 A|

AB- <NV> NOVELTY - An optical **recording medium** (1) produces a small crystal (22), and a large and rough crystal (21). A record mark (7) is recorded to the optical **recording medium** by forming the area of small crystal, and the area of large and rough crystal on the optical **recording medium**. The record mark is reproduced based on the difference of the optical property of the small crystal, and the large and rough crystal.|

AB- <BASIC> DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

(a) an optical information recording method;

(b) and an optical information **recording** and reproduction **device**

USE - For optical **recording medium**, e.g. optical disc.

ADVANTAGE - Enables recording of record mark with improved durability to phase change type optical **recording medium**. Enables reliable reproduction of record mark depending on the difference of the optical property of crystal grain. Improves efficiency of high density recording. Enables reproduction of record mark with high resolution and favorable signal-to-noise ratio.

DESCRIPTION OF DRAWING(S) - The figure shows explanatory drawings showing the condition of having initialized the recording layer to small crystal in case of **recording operation**, and a condition of having irradiated the laser beam to the recording layer and having formed the record **mark**. (Drawing **includes** non-English language text).

Optical **recording medium** (1)

Record mark (7)

Large and rough crystal (21)

Small crystal (22)

pp; 8 DwgNo 1/6|

DE- <TITLE TERMS> OPTICAL; INFORMATION; RECORD; REPRODUCE; METHOD; OPTICAL; RECORD; MEDIUM; REPRODUCE; RECORD; MARK; BASED; DIFFER; OPTICAL; PROPERTIES; CRYSTAL; ROUGH; CRYSTAL|

DC- T03; W04|

IC- <MAIN> G11B-007/004|

IC- <ADDITIONAL> G11B-007/135|

MC- <EPI> T03-B02B; W04-C02B|

FS- EPI||

14/4/3 (Item 3 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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IM- *Image available*

215-Oct-0311:57 AM

Search Report from Ginger R. DeMille

AA- 2000-046542/200004|
XR- <XRPX> N00-036117|
TI- Still picture image data recording controller for video signal
 recording and reproduction **device** in personal computer - has
 micro-controller which controls recording of still picture image data
 based on identification of **ID included** in input video signal|
PA- SONY CORP (SONY)|
NC- 001|
NP- 001|
PN- JP 11308556 A 19991105 JP 98111006 A 19980421 200004 B|
AN- <LOCAL> JP 98111006 A 19980421|
AN- <PR> JP 98111006 A 19980421|
FD- JP 11308556 A H04N-005/765|
LA- JP 11308556(8)|
AB- <BASIC> JP 11308556 A
 NOVELTY - The **ID included** in video signal input from a input
 terminal (3) is identified by ID identification unit (15). A
 micro-controller (14) controls recording of still picture image data to
 recording medium (200) based on the identification result.
 USE - For controlling **recording** of still picture image data
 corresponding to video signal reproduced from video signal **recording**
 and reproduction **device** , in floppy disk drive in personal computer.
 ADVANTAGE - The PC can reproduce only the predetermined image data
 using simple technique. **DESCRIPTION OF DRAWING(S)** - The figure shows
 block circuit diagram of video signal **recording device** . (3) Input
 terminal; (14) Micro-controller; (15) ID identification unit; (200)
 Recording medium .
 Dwg.1/5|
DE- <TITLE TERMS> STILL; PICTURE; IMAGE; DATA; RECORD; CONTROL; VIDEO;
 SIGNAL; RECORD; REPRODUCE; DEVICE; PERSON; COMPUTER; MICRO; CONTROL;
 CONTROL; RECORD; STILL; PICTURE; IMAGE; DATA; BASED; IDENTIFY; ID;
 INPUT; VIDEO; SIGNAL|
DC- T01; T03; W02; W04|
IC- <MAIN> H04N-005/765|
IC- <ADDITIONAL> G06F-003/00; G06F-005/00; G11B-019/02; G11B-027/00;
 H04N-001/41; H04N-005/91; H04N-005/92; H04N-007/24|
MC- <EPI> T01-C; T01-D; T03-F02; T03-J; W02-F07; W02-J03B; W04-E02A3; W04-F
 ; W04-F01; W04-K|
FS- EPI||

14/4/4 (Item 4 from file: 350)

DIALOG(R)File 350:Derwent WPIX
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IM- *Image available*
AA- 1995-275603/199536|
XR- <XRPX> N95-210623|
TI- Controlling **recording device** receiving broadcast with commercial
 segments - detecting commercial broadcasts and transmitting off signal
 to controller, causing recording to be stopped for defined period to
 prevent recording of unwanted content|
PA- DEPRMAX LTD (DEPR-N)|
AU- <INVENTORS> WOO T|
NC- 022|
NP- 007|
PN- ZA 9406610 A 19950628 ZA 946610 A 19940830 199536 B|
PN- EP 679026 A1 19951025 EP 94203093 A 19941102 199547
PN- AU 9470380 A 19951026 AU 9470380 A 19940818 199550
PN- JP 7298182 A 19951110 JP 94312778 A 19941122 199603

Search Report from Ginger R. DeMille

PN- AU 665493 B 19960104 AU 9470380 A 19940818 199608
 PN- US 5485219 A 19960116 US 94229296 A 19940418 199609
 PN- CN 1118967 A 19960320 CN 94107512 A 19940618 1997431
 AN- <LOCAL> ZA 946610 A 19940830; EP 94203093 A 19941102; AU 9470380 A
 19940818; JP 94312778 A 19941122; AU 9470380 A 19940818; US 94229296 A
 19940418; CN 94107512 A 199406181
 AN- <PR> US 94229296 A 199404181
 CT- EP 424725; EP 627857; WO 90037061
 FD- ZA 9406610 A H04N-000/00
 FD- EP 679026 A1 H04N-005/782
 <DS> (Regional): AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
 FD- JP 7298182 A H04N-005/765
 FD- AU 665493 B H04N-005/91 Previous Publ. patent AU 9470380
 FD- US 5485219 A H04N-005/14
 FD- AU 9470380 A H04N-005/91
 FD- CN 1118967 A H04N-007/001
 LA- ZA 9406610(E<PG> 26); EP 679026(E<PG> 13); JP 7298182(13); US 5485219(13)
 DS- <REGIONAL> AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE1
 AB- <BASIC> ZA 9406610 A

The method of controlling a **recording device** involves identifying one period type when a programme segment is broadcast. A second period type when a commercial segment is broadcast is also identified. An "on" command is broadcast over a transmission medium to a controller when the first period type is identified.

An "off" command is broadcast when the second type is identified. A "record" command is transmitted from the controller when the "on" command is received. A "pause" command is transmitted from the controller upon receipt of the "off" command.

USE /ADVANTAGE - For VCR **recording** TV broadcasts. Avoids recording of unwanted commercials. Simple. Efficient. Reduces amount of recording **tape** required by eliminating commercials.

Dwg.1/51

AB- <US> US 5485219 A

A method for controlling a **recording device** receiving a broadcast including a plurality of program segments interspersed with a plurality of commercial segments, the method comprising the steps of:

identifying a first period-type when one of the plurality of program segments is broadcast;

identifying a second period-type when one of the plurality of commercial segments is broadcast;

broadcasting over a transmission medium an ON command when said first period type is identified, wherein said ON command comprises data **including** a system **identifier** and a predetermined ON code;

broadcasting over said transmission medium an OFF command when said second period type is identified, wherein said OFF command comprises data **including** said system **identifier** and a predetermined OFF code;

receiving at a controller said ON command and said OFF command broadcast over said transmission medium;

transmitting, from said controller, a RECORD command to the **recording device** upon receipt of said ON command; and

transmitting, from said controller, a PAUSE command to the **recording device** upon receipt of said OFF command.

Dwg.1/51

DE- <TITLE TERMS> CONTROL; RECORD; DEVICE; RECEIVE; BROADCAST; COMMERCIAL; SEGMENT; DETECT; COMMERCIAL; BROADCAST; TRANSMIT; SIGNAL; CONTROL; CAUSE; RECORD; STOP; DEFINE; PERIOD; PREVENT; RECORD; UNWANTED; CONTENT
 |

DC- T03; W041

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IC- <MAIN> H04N-000/00; H04N-005/14; H04N-005/765; H04N-005/782;
H04N-005/91; H04N-007/00|
IC- <ADDITIONAL> G11B-015/02; H03M-000/00; H04B-000/00; H04N-007/16;
H04N-009/64|
MC- <EPI> T03-E05C; T03-N02; T03-N03; W04-B10C; W04-E02B5A; W04-E04C5;
W04-F01K|
FS- EPI||

14/4/5 (Item 5 from file: 350)

DIALOG(R) File 350:Derwent WPIX
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IM- *Image available*
AA- 1994-289653/199436|
DX- <RELATED> 1994-289652; 1994-298445|
XR- <XRPX> N94-228374|
TI- Still frame image video picture reproducing device - has screen
recognition information stored in each track of record media and image
signal in predetermined domain of memory is stored based on composition
screen number|
PA- ASAHI OPTICAL CO LTD (ASAO); ASAHI KOGAKU KK (ASAO)|
AU- <INVENTORS> SATO K|
NC- 002|
NP- 002|
PN- JP 6217247 A 19940805 JP 93272998 A 19931005 199436 B|
PN- US 5526138 A 19960611 US 93130859 A 19931004 199629
<AN> US 94348247 A 19941128|
AN- <LOCAL> JP 93272998 A 19931005; US 93130859 A 19931004; US 94348247 A
19941128|
AN- <PR> JP 92290748 A 19921005; JP 92290746 A 19921005; JP 92290747 A
19921005; JP 92290749 A 19921005|
FD- JP 6217247 A H04N-005/781
FD- US 5526138 A H04N-005/76 Cont of application US 93130859|
LA- JP 6217247(14); US 5526138(36)|
AB- <BASIC> JP 6217247 A

The video device has a disc in which a picture of the particular
pattern is stored. The identification flexible cord has a track number
of the image signal which is stored in particular regions of the
recording media such as magnetic disc.

First the identification flexible cord is decoded and the image
signal along with its corresp track number are recorded in memory. The
image signal is read from the memory in a predetermined pattern and the
pictorial image is reproduced. This is fed to the monitor along with
the reproduced sound to form a complete screen.

ADVANTAGE - Records image signal even when there is no empty track
on **recording** media. Exhibits simple **operation** and high resolution.
Dwg.1/20|

AB- <US> US 5526138 A

A still image **recording device**, comprising:
a **recording medium** having a plurality of recording areas
wherein each recording area of said plurality of recording areas
comprises an image signal recording part and an ID code recording part,
respectively, an image signal being recorded in said image signal
recording part, an **ID code**, **including** a date, being recorded in
said ID code recording part, a standard area of said ID code recording
part comprising a field-frame-information recording area in which
information indicating whether the image signal recorded in said image
signal recording part is recorded in a field record mode or a frame
record mode and a user area of said ID code recording part comprising a
frame dividing information storage area in which information indicating

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whether an image signal corresponding to one frame is recorded in a plurality of said plurality of recording areas;

means for dividing an image signal corresponding to one frame into a plurality of parts;

means for selecting a blank recording area from said plurality of recording areas, in which no signal is recorded;

means for recording said plurality of parts of said image signal in said image signal recording part of said blank recording area; and

means for recording frame-identifying-information in said ID code recording part of each said recording area in which said image signal, represented by said plurality of parts, is recorded by said means for recording said plurality of parts, said plurality of parts of said image signal corresponding to said one frame, recorded by said means for recording said plurality of parts being identified by said frame-identifying-information, wherein said frame-identifying-information comprises field-frame-information indicating the field record mode whenever said information in said frame dividing information storage area indicates that an image signal corresponding to one frame is divided into fields and at least one of said fields is further divided and recorded in a plurality of recording areas of said

recording medium .

(Dwg.1/26|

DE- <TITLE TERMS> STILL; FRAME; IMAGE; VIDEO; PICTURE; REPRODUCE; DEVICE; SCREEN; RECOGNISE; INFORMATION; STORAGE; TRACK; RECORD; MEDIUM; IMAGE; SIGNAL; PREDETERMINED; DOMAIN; MEMORY; STORAGE; BASED; COMPOSITION; SCREEN; NUMBER|

DC- W04|

IC- <MAIN> H04N-005/76; H04N-005/781|

IC- <ADDITIONAL> G11B-020/02; H04N-005/91|

MC- <EPI> W04-B14A; W04-M01B1A|

FS- EPI||

14/4/6 (Item 6 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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IM- *Image available*

AA- 1992-232944/199228|

XR- <XRPX> N92-177176|

TI- Plant growth movement **recording device** - has growth sensor in form of **tape** material with guides and **digital marker** |

PA- AS USSR KAREL BIOLOGY INST (ASKF-R)|

AU- <INVENTORS> LITINSKII P YU|

NC- 001|

NP- 001|

PN- SU 1683559 A1 19911015 SU 4752499 A 19891024 199228 B|

AN- <LOCAL> SU 4752499 A 19891024|

AN- <PR> SU 4752499 A 19891024|

FD- SU 1683559 A1 A01G-007/00|

LA- SU 1683559(2)|

AB- <BASIC> SU 1683559 A

The device includes a guiding element (1) made in the form of a hollow jacket (2) with lower (3) and upper (4) endfaces having an inlet (5) and an outlet (6) holes through which a **tape** (7) (e.g. foil band) freely passed in a guide of the element (1). The lower end of the belt can be folded forming a spiral (8), while the upper end (9) is provided with a catch (10) (e.g. a ring) for fixing the uppermost bud (11) of an offshoot (12).

USE - For **recording** plants growth movements. Bul. 38/15.10.91

Dwg.1/1|

Search Report from Ginger R. DeMille

DE- <TITLE TERMS> PLANT; GROWTH; MOVEMENT; RECORD; DEVICE; GROWTH; SENSE;
FORM; **TAPE** ; MATERIAL; GUIDE; DIGITAL; MARK|
DC- P13|
IC- <MAIN> A01G-007/00|
FS- EngPI||

14/4/7 (Item 7 from file: 350)

DIALOG(R) File 350:Derwent WPIX
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IM- *Image available*
AA- 1991-117679/199116|
XR- <XRPX> N91-090587|
TI- Multi transducer head positioning servo magnetic for **tape** system -
uses multi-transducers to position head on bi-directional transport
magnetic **tape** |
PA- EASTMAN KODAK CO (EAST); ALCUDIA E R (ALCU-I)|
AU- <INVENTORS> ALCUDIA E; WHYTE R E; ALCUDIA E R|
NC- 015|
NP- 006|
PN- WO 9104555 A 19910404 199116 B|
PN- EP 444191 A 19910904 EP 90915239 A 19900918 199136
PN- JP 4501931 W 19920402 JP 90514038 A 19900918 199220
PN- US 5121270 A 19920609 US 89409542 A 19890919 199226
PN- EP 444191 B1 19950419 EP 90915239 A 19900918 199520
<AN> WO 90US5259 A 19900918
PN- DE 69018809 E 19950524 DE 618809 A 19900918 199526
<AN> EP 90915239 A 19900918
<AN> WO 90US5259 A 19900918|
AN- <LOCAL> EP 90915239 A 19900918; JP 90514038 A 19900918; US 89409542 A
19890919; EP 90915239 A 19900918; WO 90US5259 A 19900918; DE 618809 A
19900918; EP 90915239 A 19900918; WO 90US5259 A 19900918|
AN- <PR> US 89409542 A 19890919|
CT- 2.Jnl.Ref; EP 379324; EP 69548; JP 58097129; US 4400747|
FD- WO 9104555 A
<DS> (National): JP
<DS> (Regional): AT BE CH DE DK ES FR GB IT LU NL SE
FD- EP 444191 A
<DS> (Regional): AT BE CH DE ES FR GB IT LI LU NL SE
FD- JP 4501931 W Based on patent WO 9104555
FD- US 5121270 A G11B-005/58
FD- EP 444191 B1 G11B-005/584 Based on patent WO 9104555
<DS> (Regional): DE FR GB
FD- DE 69018809 E G11B-005/584 Based on patent EP 444191
Based on patent WO 9104555|
LA- JP 4501931(9); US 5121270(13); EP 444191(E<PG> 16)|
DS- <NATIONAL> JP|
DS- <REGIONAL> AT; BE; CH; DE; DK; ES; FR; GB; IT; LU; NL; SE; LI|
AB- <BASIC> WO 9104555 A

The apparatus is designed for positioning a magnetic servo transducer (88) onto a selected addressable servo track of a magnetic **tape** (50), and comprises a bi-directional transport that moves the **tape** past the transducer, plus the ability to playback/record signals on the **tape** . The magnetic head (40), which houses the transducer(s), is positioned via a servo stepping motor that uses binary patterns, pre-recorded on the **tape** . These patterns consist of magnetised (70,72,74,76,78,80, 82,84 and 86) and non magnetised (73,75,77,79,81,83,85,87, 89,91,93,95,97,99 and 101) blocks.

For each track location centreline, the servo transducer straddles the line between adjacent longitudinally recorded patterns such that,

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when the transducer is on track, the played back code is the track address and the amplitudes of the one bits of the code are all the same and equal to half the amplitude of a full track width output. This is achieved because the transducer straddles the line between adjacent lines of magnetised and non magnetised blocks, and therefore plays back half magnetised and half non magnetised amplitude signals.

ADVANTAGE - Increased storage capacity. Commensurate with reasonable head construction techniques. (29pp Dwg.No.4/7|

AB- <EP> EP 444191 B

Apparatus for positioning a magnetic servo transducer (88) onto a selected servo track recorded in a longitudinal direction on a magnetic **tape** (50) having a track address associated therewith, said **tape** having a multiplicity of identical recorded signal patterns oriented along said **tape**, said pattern comprising a plurality of longitudinal linear arrays of magnetised blocks (70,72,...86) and co-linear non magnetised blocks (73,75,...101), said plurality of longitudinal linear arrays being transversely contiguous, wherein the longitudinal common boundary line (90,92,...98) between a specified contiguous pair of said longitudinal linear array defines the centreline of a selected servo track, the positioning of said servo transducer (88) on said selected track being achieved by comparing the amplitudes of the signals played back by said servo transducer from said magnetised blocks contiguous to, and on either side of said centreline and translating said magnetic servo transducer to equally match said amplitudes of said playback signals, said apparatus being characterised by a control means (108) comprising dropout detection means wherein the playback signal amplitude of a first of said magnetised blocks on one side of said centreline (90,92,...98), and the playback signal amplitude of a first of said magnetised blocks on the opposite side of said centreline, are added to each other to form a sum for comparison to a predetermined signal value for magnetic dropout detection.

(Dwg.2/7c|

AB- <US> US 5121270 A

A bi-directional transport longitudinally moves a magnetic **tape** past a multitransducer magnetic head for recording and/or playback. The magnetic head is positionable to selected tracks in a stepwise manner across the width of the **tape**. A head positioning servo utilises binary patterns pre-recorded on the **tape**, consisting of magnetised blocks and non magnetised blocks which are read by a servo-transducer integral with the multitransducer head stack.

For each centreline corresponding to a specified track location, the servo transducer straddles the line between adjacent, longitudinally recorded patterns. When the servo transducer is "on track" two conditions are met: 1) the played back code is the track address included in the track location **identifier stored** in a controlling microcontroller, 2) the amplitudes of the "1 bits" of the played back code are all the same and equal to half the amplitude of a full track width output. When "on track", the servo transducer straddles the line between adjacent lines of magnetised blocks and non-magnetised blocks.

USE - In a multichannel **recording / playback device**.

Dwg.4/7|

DE- <TITLE TERMS> MULTI; TRANSDUCER; HEAD; POSITION; SERVO; MAGNETIC; **TAPE**; SYSTEM; MULTI; TRANSDUCER; POSITION; HEAD; BI; DIRECTION; TRANSPORT; MAGNETIC; **TAPE** |

DC- T03|

IC- <MAIN> G11B-005/58; G11B-005/584|

IC- <ADDITIONAL> G11B-005/55; G11B-005/78; G11B-021/10|

MC- <EPI> T03-A05A1; T03-N04|

FS- EPI||

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14/4/8 (Item 8 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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IM- *Image available*

AA- 1991-024210/199104|

XR- <XRPX> N91-018640|

TI- Information recording-reproducing using e.g. magneto-optical disc -
uses information reproducing circuit to send pre-recorded area
detecting signal to timing control circuit|

PA- SHARP KK (SHAF); FUJI H (FUJI-I)|

AU- <INVENTORS> DEGUCHI T; FUJI H; YAMAGUCHI T|

NC- 003|

NP- 007|

PN- EP 409649 A 19910123 EP 90307964 A 19900720 199104 B|

PN- CA 2021681 A 19910122 199116

PN- EP 409649 A3 19920902 EP 90307964 A 19900720 199338

PN- US 5365501 A 19941115 US 90555569 A 19900720 199445

<AN> US 92853863 A 19920320

PN- EP 409649 B1 19951011 199545

PN- DE 69022910 E 19951116 DE 622910 A 19900720 199551

<AN> EP 90307964 A 19900720

PN- CA 2021681 C 19961001 CA 2021681 A 19900720 199650|

AN- <LOCAL> EP 90307964 A 19900720; EP 90307964 A 19900720; US 90555569 A
19900720; US 92853863 A 19920320; DE 622910 A 19900720; EP 90307964 A
19900720; CA 2021681 A 19900720|

AN- <PR> JP 89189640 A 19890721|

CT- NoSR.Pub; 3.Jnl.Ref; DE 3434418; DE 3739384; DE 3809223; EP 189187; EP
232867; EP 278006; JP 62204469; JP 63063134; JP 64001167; US 3693098;
JP 6224469|

FD- US 5365501 A G11B-017/32 Cont of application US 90555569

FD- EP 409649 B1 G11B-027/30

FD- DE 69022910 E G11B-027/30 Based on patent EP 409649

FD- CA 2021681 C G11B-011/10|

LA- US 5365501(20); EP 409649(E<PG> 35)|

DS- <REGIONAL> DE; FR; GB; IT; NL|

AB- <BASIC> EP 409649 A

The device records, erases and reproduces information on and from a
memory device having pre-format sections. The device includes a circuit
for detecting a pre-recorded area having information predeterminately
recorded and located on the memory device, and circuits for providing
timing control of an information **recording**, erasing or reproducing
operation according to a pre-recorded area detecting signal.
Therefore, each timing of **recording**, reproducing, or erasing
operation is accurately determined.

Additionally, the timing control may be performed according to
both of the pre-recorded area detecting signal and the conventional
sync. detection signal. In that case, if an error should occur in the
sync. detection signals, since the pre-recorded area detecting signal
is released every time pre-recorded information for a sector mark or
the like is reproduced, an accurate timing control without time lag is
achieved according to the pre-recorded area selecting signals. (28pp
Dwg.No. 4/21|

AB- <EP> EP 409649 B

An information and/or reproducing device for recording and/or
reproducing information to and/or from a memory device (10) having a
pre-recorded areas (13) **including** a sector **mark** section (13a),
comprising: sector timing detection means (18) for generating a sector
timing detection signal (H) upon detecting a sector mark section (13a);

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and timing control means (20) for controlling the timing of an information **recording** or reproducing **operation** according to said sector timing detection signal (H), characterised by pre-recorded area detection means (24) for generating a pre-recorded area detection signal (G) upon detecting a said pre-recorded area (13) in that said timing control means (20) is arranged to output a timing signal (I) for the control of the timing of the information **recording** or reproducing **operation** according to said pre-recorded area detection signal (G), and in that said timing control means comprises: (a) a counter circuit (45,46) for generating a further timing signal (AA) in accordance with said prerecorded area detection signal (G); and (b) a switching circuit (47) to which the sector timing detection signal (H) and the further timing signal (AA) are inputted, for outputting said timing signal (I) on the basis of the further timing signal (A) when the sector timing detection signal (H) has an error, while outputting the timing signal (I) based on the sector timing detection signal (H) when the sector timing detection signal (H) has no error.

Dwg.4/21|

AB- <US> US 5365501 A

The information **recording** and reproducing **device** includes a pre-recorded area detection circuit for detecting a pre-recorded area having information predeterminately recorded and located on the memory device and timing control circuits for providing timing control of an information **recording**, erasing or reproducing **operation** according to a pre-recorded area detecting signal released from the pre-recorded area detection circuit.

The timing control may be performed according to both of the pre-recorded area detecting signal of the present invention and the conventional synchronization detection signal. If an error should occur in the synchronization detection signals, since the pre-recorded area detecting signal is released every time pre-recorded information for a sector mark or the like is reproduced, an accurate timing control without time lag is achieved according to the pre-recorded area detecting signals.

ADVANTAGE - Provides timing control for accurate recording and reproducing operations without time lag if an error should occur in synchronisation detection signals.

Dwg.9/21|

DE- <TITLE TERMS> INFORMATION; RECORD; REPRODUCE; MAGNETO-OPTICAL; DISC; INFORMATION; REPRODUCE; CIRCUIT; SEND; PRE; RECORD; AREA; DETECT; SIGNAL; TIME; CONTROL; CIRCUIT|

DC- T03; W04|

IC- <MAIN> G11B-011/10; G11B-017/32; G11B-027/30|

IC- <ADDITIONAL> G11B-007/00; G11B-020/10|

MC- <EPI> T03-D01; T03-J; T03-N01 ; T03-P01; W04-D; W04-H|

FS- EPI||

14/4/9 (Item 9 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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AA- 1988-191970/198828|

XR- <XRPX> N88-146803|

TI- Character and digital audio data recording appts. - continuously records pack data on magnetic **tape** for set of frames by rotary heads|

PA- CASIO COMPUTER CO LTD (CASK)|

AU- <INVENTORS> OTSUKI K; YOSHIMOTO I|

NC- 005|

NP- 006|

PN- EP 274382 A 19880713 EP 88100063 A 19880105 198828 B|

1015-Oct-0311:57 AM

Search Report from Ginger R. DeMille

PN- US 4833549 A 19890523 US 87138912 A 19871228 198924
 PN- US 4939595 A 19900703 US 89323618 A 19890314 199029
 PN- US 5019920 A 19910528 US 90505986 A 19900406 199124
 PN- EP 274382 B1 19940406 EP 88100063 A 19880105 199414
 PN- DE 3888851 G 19940511 DE 3888851 A 19880105 199420
 <AN> EP 88100063 A 19880105|
 AN- <LOCAL> EP 88100063 A 19880105; US 87138912 A 19871228; US 89323618 A
 19890314; US 90505986 A 19900406; EP 88100063 A 19880105; DE 3888851 A
 19880105; EP 88100063 A 19880105|
 AN- <PR> JP 87241091 A 19870926; JP 87505 A 19870107; JP 87241089 A
 19870926|
 CT- No-SR.Pub; 3.Jnl.Ref; EP 92403; FR 2212072; JP 59068806; JP 60147970;
 JP 60150266; US 4575772|
 FD- EP 274382 A
 <DS> (Regional): DE FR GB NL
 FD- US 4833549 A
 FD- EP 274382 B1 G11B-027/30
 <DS> (Regional): DE FR GB NL
 FD- DE 3888851 G G11B-027/30 Based on patent EP 274382|
 LA- EP 274382(E<PG> 24); US 4833549(24); EP 274382(E<PG> 14)|
 DS- <REGIONAL> DE; FR; GB; NL|
 AB- <BASIC> EP 274382 A

A drive, in response to character key operation of a keyboard (36), drives the rotating drum so that the rotary heads (13a, 13b) sequentially record oblique tracks - each of which includes a PCM audio recording area and subcode recording areas - on the magnetic **tape** (12). The PCM area stores PCM audio data including an error correction code and the digital audio data generated as data complying with an R-DAT (Rotary head type-Digital **Audio Tape recorder**) format by signal processing. The sub-code area stores sub-code block data consisting of sub-code ID and pack data generated by sub-code processing.

A control (30,31) supplies the sub-code processor (19,28,29) with character code data corresp. to operated character keys (36). The pack data generated are continuously recorded in the sub-code recording area on the **tape** for a set of frames.

USE - Recording titles or characters complying with R-DAT standards for easy searching.

1/16|

AB- <EP> EP 274382 B

An apparatus for recording audio data on a magnetic **tape** (12) by using a rotary head (13a, b) comprising: a rotating drum provided with said rotary head (13a, b); a drive means (35), in response to a key operation of key input means (36), for driving said rotating drum so that said rotary head (13a, b) sequentially records oblique tracks, each of which includes a PCM audio recording area and sub-code recording areas, on said magnetic **tape** (12), said PCM audio recording area stores PCM audio data including an error correction code and the digital audio data generated as data complying with a R-DAT (Rotary head type-Digital **Audio Tape recorder**) format by signal processing means (16), and said sub-code recording area stores sub-code block data; sub-code processing means (19, 28, 29) for generating said sub-code block data having sub-code ID data and pack data corresponding to the R-DAT format, said sub-code **ID** data **includes** control **ID** data, said control ID data comprises four independent IDs, one of said independent IDs is a start ID (S-ID), said pack data comprises 8 symbols PC1-PC8, the symbol PC1 includes 4 bits of pack item data, a remainder of the symbol PC1 and the symbols PC2-PC7 include 52 bits of data block, and the symbol PC8 is a parity block, characterised in that: said key input means (36) has character keys for inputting characters; and said apparatus further has control means (30, 31) for:

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(1) controlling said drive means (35) for setting said magnetic **tape** (12) and said rotating drum in a corresponding drive state responsive to the key operation of said key input means (36), (2) supplying character code data corresponding to characters input by said character keys to said sub-code processing means (19, 28, 29), (3) controlling said sub-code processing means (19, 28, 29) so that the sub-code processing means (19, 28, 29) generates the sub-code block data **including** start **ID** (S-ID) which is set to '1', and pack data including said pack item data which is set to indicate the character mode and including the character code data, and (4) controlling said drive means (35) for recording the generated sub-code block data in the sub-code recording area of said magnetic **tape** (12) for each of a plurality of frames.

(Dwg.1/16b|

AB- <US> US 5019920 A

The **tape** system has several parallel recording tracks oblique to a travel direction of a magnetic **tape**, a frame being composed of data on two adjacent recording tracks, and with each track having a PCM audio recording area and a sub-code recording area. The sub-code recording area has sub-code block data recorded which includes sub-code block data recorded which **includes** sub-code **ID** data and pack data corresponding to the R-DAT format. The sub-code **ID** data **includes** control **ID** data which comprises independent IDs one of which is a start ID. The pack data comprises a set of bits including bits of pack item data, and bits of data block, a data block in a pack data of a character mode includes character code data and pack address data. The sub-code block data includes the pack data of a character mode recorded in the sub-code recording area in the order of the pack address data for several frames. ADVANTAGE - High reliability.

(24pp)

US 4939595 A

Pack data of a character mode including a character code is generated by a sub-code processor. The pack data is continuously recorded on a magnetic **tape** for a number of frames by rotary heads. When the pack data of the character mode is played back by the rotary heads, a controller detects the character code included in this pack data and supplies the detected code to a display to display corresponding characters. The character code data is recorded for a number of frames in a sub-code recording area of a magnetic **tape**, thus complying with R-DAT format. ADVANTAGE - Records data that is reliably played back by rotary head in high-speed play-back mode.

(26pp)

US 4833549 A

Pack data of a character mode including a character code are generated by a sub-code processor. The pack data are continuously recorded on a magnetic **tape** for a set of frames by rotary heads. When the pack data of the character mode are played back by the rotary heads, a controller detects the character code included in these pack data and supplies the detected code to a display to show corresp. characters. The character code data are continuously recorded for a set of frames in a sub-code recording area of a magnetic **tape**, satisfactorily complying with the R-DAT format. Since the character-mode pack data are continuously recorded for a set of frames, they can be reliably played back by a rotary head in a high-speed play-back mode.

(24pp|

DE- <TITLE TERMS> CHARACTER; DIGITAL; AUDIO; DATA; RECORD; APPARATUS; CONTINUOUS; RECORD; PACK; DATA; MAGNETIC; **TAPE**; SET; FRAME; ROTATING; HEAD|

DE- <ADDITIONAL WORDS> CHARACTER; DIGITAL; AUDIO; DATA; RECORD; APPA|

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DC- W04|
IC- <MAIN> G11B-027/30|
IC- <ADDITIONAL> G11B-005/00; G11B-027/10; G11B-027/34; H04H-005/78;
H04N-005/78|
MC- <EPI> W04-B; W04-G01; W04-H|
FS- EPI||

14/4/10 (Item 10 from file: 350)

DIALOG(R) File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

AA- 1984-190216/198431|
XR- <XRPX> N84-142167|
TI- Disc identity checking method for **floppy disc recorder** - verifies
that cartridge in drive has not been changed between successive
accesses by using system|
PA- IBM CORP (IBMC)|
AU- <INVENTORS> LOVGREN J L; PLUMMER W B|
NC- 004|
NP- 004|
PN- EP 114186 A 19840801 EP 83109121 A 19830915 198431 B|
PN- US 4578722 A 19860325 198615
PN- EP 114186 B 19880706 198827
PN- DE 3377307 G 19880811 198833|
AN- <LOCAL> EP 83109121 A 19830915|
AN- <PR> US 82452548 A 19821223|
CT- AT 354122; DE 1499607; GB 1446255; US 4241420; US 4297734|
FD- EP 114186 A
<DS> (Regional): DE FR GB
FD- EP 114186 B
<DS> (Regional): DE FR GB|
LA- EP 114186(E<PG> 24); EP 114186(E)|
DS- <REGIONAL> DE; FR; GB|
AB- <BASIC> EP 114186 A

A disc identifier (DID) is written at the beginning of each data sector on the disc. Each time the using system causes the recorder to access a data sector, the read/write head goes straight to the track containing the desired data sector. Before the using system issues a write command, the recorder is instructed to read the DID at the front of the data sector.

If the read DID is the same as the expected DID, the user instructs the recorder to proceed with the write operation. If they are not identical, the using system blocks the recorder from writing and indicates an error to the operator. The DID expected is stored during the first read operation after a disc is loaded into the receiver.

ADVANTAGE - Recorder does not require mechanical or electrical sensors to detect that operator has changed cartridge or disc.

0/5|

AB- <EP> EP 114186 B

Method for checking the identity of a recording disk which may be interchangeably loaded with other recording disks into a **disk recording device**, said method being characterised in that it comprises the steps of: reading a disk identifier (DID) from any data sector on the recording disk; **storing** the disk identifier read from the recording disk; accessing a track on the recording disk in preparation for performing an **operation** on the **recording** disk at the accessed track; reading a disk identifier from the accessed track; comparing the identifier read from the accessed track to the **identifier** previously **stored**; proceeding with the **operation** on the **recording** disk if the identifier just read is the same as the **stored**

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identifier ; aborting the **operation** on the **recording** disk if the identifier just read is not the same as the **stored identifier** .

(12pp|

AB- <US> US 4578722 A

A diskette identifying code is written in each sector on a flexible disc used in a flexible **disc recorder** . The diskette identifying code can be read from any track on the flexible disc and used to log the occurrence of insertion or removal of the diskette at the flexible **disc recorder** . Also, the diskette at the flexible **disc recorder** . Also, the diskette identifying code can be read from any accessed track prior to a write **operation** on that **track** in order to verify that the diskette has not been changed by the operator since the last access to the flexible disc.

The Disc Identifier (DID) may be permanently written at each data sector during the mfr. of the diskette. In addition to containing a diskette serial number the DID could contain mfr data such as date, location of mfr, batch number test station number etc. Thus, the DID could be used to track faults in the mfr process if the diskette failed.

ADVANTAGE - Access time is not lengthened through disk identity verification. (10pp|

DE- <TITLE TERMS> DISC; IDENTIFY; CHECK; METHOD; FLOPPY; DISC; RECORD; VERIFICATION; CARTRIDGE; DRIVE; CHANGE; SUCCESSION; ACCESS; SYSTEM|

DC- T03|

IC- <ADDITIONAL> G11B-005/09|

MC- <EPI> T03-A06C; T03-J; **T03-N01** |

FS- EPI||

14/4/11 (Item 11 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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AA- 1981-B7383D/198109|

TI- Prerecorded format **marks** on **digital recorder tape** - have low bit density and are distinguished from data at read or search speed|

PA- NIPPON DIGITAL EQUIP KK (DIGI); ROSE R C (ROSE-I)|

AU- <INVENTORS> LEIS M D|

NC- 005|

NP- 007|

PN- DE 3020602 A 19810219 198109 B|

PN- GB 2058431 A 19810408 198115

PN- FR 2466073 A 19810424 198124

PN- US 4321632 A 19820323 198214

PN- CA 1139436 A 19830111 198307

PN- GB 2058431 B 19830608 198323

PN- DE 3020602 C 19900412 199015|

AN- <PR> US 80148055 A 19800519; US 7944680 A 19790601|

AB- <BASIC> DE 3020602 A

The 2- **track** magnetic **tape** , for **use** on a digital **tape recorder** , e.g. for a computer, has prerecorded format marks for 1024 record segments on each track. Beginning and end of **tape** marks are bursts of '0's and '1's respectively. Inter-record marks are 16 bits alternately '1' and '0'. These three marks are recorded at 200 bit/inch.

The record segments are recorded at 800 bit/inch. Each contains prerecorded head and trailer fields and space for 1024 data bits plus 16 check bits. The head field comprises 16 head sync bits, 16 segment numbers, 16 segment number complement and 56 data sync bits. The trailer field is 136 '0's. The **tape** is run at 30 inch/sec for

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read/write or 60 inch/sec for search. The format ensures that inter-record marks can be distinguished from records at either speed.
DE- <TITLE TERMS> PRERECORDED; FORMAT; MARK; DIGITAL; RECORD; **TAPE** ; LOW; BIT; DENSITY; DISTINGUISH; DATA; READ; SEARCH; SPEED|
DC- T01; T03|
IC- <ADDITIONAL> G06F-007/28; G11B-005/09; G11B-015/00; G11B-027/10|
MC- <EPI> T01-E01; T03-J|
FS- EPI||

14/4/12 (Item 1 from file: 347)

FN- DIALOG(R)File 347:JAPIO|
CZ- (c) 2003 JPO & JAPIO. All rts. reserv.|
TI- MAGNETIC **RECORDING** AND REPRODUCING **DEVICE**
PN- 11-126395 -JP 11126395 A-
PD- May 11, 1999 (19990511)
AU- KAWASE SHIGERU
PA- VICTOR CO OF JAPAN LTD
AN- 09-303490 -JP 97303490-
AN- 09-303490 -JP 97303490-
AD- October 17, 1997 (19971017)
G11B-015/467
AB- PROBLEM TO BE SOLVED: To provide a magnetic **recording** and reproducing **device** excellent in tracking control also at the time of trick play. SOLUTION: This device is of a helical scan type by a multi-segment system for recording and reproducing a recording signal formed by superimposing a tracking pilot signal of an ATF system making a pilot signal of a frequency f1 and a pilot signal of a frequency f2 to be alternately recorded at every two record **marks** on **digital** data of such main signals as one frame of picture information and speech information, etc., divided corresponding to the predetermined number of record marks. In this case, when a reproducing operation is performed by running the **tape** at a running speed of (4m/n) times (n, m are positive integers) **tape** running speed at the time of **recording operation**, a running phase of the magnetic **tape** T is controlled by generating tracking control signals once every n-pieces of record marks based on the pilot signal for tracking and holding them (31-34), and supplying the tracking control signals to capstan control systems (3, 9-11, 30, 48). COPYRIGHT: (C)1999,JPO

14/4/13 (Item 2 from file: 347)

FN- DIALOG(R)File 347:JAPIO|
CZ- (c) 2003 JPO & JAPIO. All rts. reserv.|
TI- **RECORDING** /REPRODUCING **DEVICE** FOR TELEVISION BROADCAST
PN- 11-039745 -JP 11039745 A-
PD- February 12, 1999 (19990212)
AU- FUJITA TAKASHI
PA- SANYO ELECTRIC CO LTD
AN- 09-188559 -JP 97188559-
AN- 09-188559 -JP 97188559-
AD- July 14, 1997 (19970714)
G11B-015/087; H04N-005/765; H04N-005/781; H04N-005/93
AB- PROBLEM TO BE SOLVED: To eliminate malfunction in a CM skip when a **tape** is exchanged, and plural programs are stored in a piece of the **tape** by beforehand **storing** the identification **mark** of the program and the minimum value of a black frame continuous time in its program at a video recording time and performing CM skip operation based on them at a reproducing time. SOLUTION: A BF part of a video

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signal is pulled out by a BF pull-out circuit 7, a soundless part is pulled out by an audio part pull-out circuit 8 at a video recording time, the both parts are logically synthesized and the BF-BF period and the continuous time of a BF soundless part are measured from the obtained BF soundless part. When the detected BF soundless part is between a main program-a CM or between the CM-the main program based on the both information, its BF soundless part continuous period is stored in a memory 13 together with a program identification signal recorded on the **tape** by a VASS, etc. At the reproducing time, the BF soundless part is detected similarly to video **recording operation**, and the BF slip operation is performed according to the contents of the detected BF period. The detection of the BF is judged by the level down of a luminance signal and a chrominance signal. COPYRIGHT: (C)1999,JPO

14/4/14 (Item 3 from file: 347)

FN- DIALOG(R)File 347:JAPIO|
CZ- (c) 2003 JPO & JAPIO. All rts. reserv.|
TI- VIDEO SIGNAL MAGNETIC **RECORDING DEVICE**
PN- 06-195952 -JP 6195952 A-
PD- July 15, 1994 (19940715)
AU- ARAI MITSUHIRO; HOSOYA ATSUSHI; IRIGUCHI TAKAYUKI
PA- VICTOR CO OF JAPAN LTD [000432] (A Japanese Company or Corporation), JP
(Japan)
AN- 04-078470 -JP 9278470-
AN- 04-078470 -JP 9278470-
AD- February 28, 1992 (19920228)
IC- -5- G11B-027/34; G11B-015/02; G11B-023/38; H04N-005/782
CL- 42.5 (ELECTRONICS -- Equipment); 44.6 (COMMUNICATION -- Television)
KW- R101 (APPLIED ELECTRONICS -- Video **Tape** Recorders, VTR); R131
(INFORMATION PROCESSING -- Microcomputers & Microprocessors
AB- PURPOSE: To improve operation convenience by storing program title information and recorded contents data in a memory and printing stored contents on the label part of a storage to save a user from the trouble of write of picture recording data or the like.

CONSTITUTION: A decoder 112 extracts a signal having program information inserted to a selected video signal bb. A program information signal cc obtained by demodulating this extracted signal is supplied to a timer part 102 and a switch 2. The timer part 102 stores program information, which is separated from the signal cc and is related to the present program, in the memory. Meanwhile, program information which is supplied from a light reception part 104 and is desired by an operator is stored in the memory also. The residual quantity of the **tape** is supplied from a **tape** residual quantity detecting means 106 to a system controller 101, and **label** use data **attached** to a **tape** cassette is supplied from a label **use detecting** means 117. The system controller 101 controls a print means 108 which prints stored contents of the memory on the label part of the **tape** cassette.

14/4/15 (Item 4 from file: 347)

FN- DIALOG(R)File 347:JAPIO|
CZ- (c) 2003 JPO & JAPIO. All rts. reserv.|
TI- DEVICE FOR **PLAYING RECORDING MEDIUM**
PN- 06-150542 -JP 6150542 A-
PD- May 31, 1994 (19940531)
AU- NOGUCHI TADAO

Search Report from Ginger R. DeMille

PA- ALPINE ELECTRON INC [470505] (A Japanese Company or Corporation), JP
(Japan)
AN- 04-298679 -JP 92298679-
AN- 04-298679 -JP 92298679-
AD- November 09, 1992 (19921109)
IC- -5- G11B-020/10; G11B-020/10; G11B-019/02; G11B-020/02
CL- 42.5 (ELECTRONICS -- Equipment)
KW- R131 (INFORMATION PROCESSING -- Microcomputers & Microprocessors)
SO- Section: P, Section No. 1795, Vol. 18, No. 473, Pg. 65, September 02,
1994 (19940902)
AB- PURPOSE: To provide a **recording medium playing device** capable
of keeping the secrecy of recording contents for others at a
reproducing time when the recording contents in a digital **recording
medium** is private information.

CONSTITUTION: The recording contents in the digital **recording
medium** is read by a reproducing means 1, and the read digital signal
is voiced through at least a muting means 6 and an amplifier means 7
after the signal is analog converted. Mute indicating information
operating a muting means 6 is recorded selectively in the start **ID**
of the **digital recording medium**. The presence of the mute
indicating information is retrieved at the time of reproducing a
digital **tape**, and when the mute indicating information is read, the
muting means 6 is operated based on the mute indicating information,
and a voiced output at the time is made soundless.

14/4/16 (Item 5 from file: 347)

FN- DIALOG(R)File 347:JAPIO|
CZ- (c) 2003 JPO & JAPIO. All rts. reserv.|
TI- **TAPE READER DEVICE**
PN- 01-263815 -JP 1263815 A-
PD- October 20, 1989 (19891020)
AU- MIYATA MASAYA
PA- AMADA METRECS CO LTD [486177] (A Japanese Company or Corporation), JP
(Japan)
AN- 63-093263 -JP 8893263-
AN- 63-093263 -JP 8893263-
AD- April 15, 1988 (19880415)
IC- -4- G06F-003/06; G05B-019/18
CL- 45.3 (INFORMATION PROCESSING -- Input Output Units); 22.3 (MACHINERY
-- Control & Regulation)
KW- R063 (MACHINERY -- Numerical Control Machine Tools, NC); R131
(INFORMATION PROCESSING -- Microcomputers & Microprocessors)
SO- Section: P, Section No. 990, Vol. 14, No. 21, Pg. 111, January 17, 1990
(19900117)
AB- PURPOSE: To reduce the load at the side of a CNC (computerized NC)
device by detecting an invalid part of the information written on a
tape to decide the code type information based on said invalid part
and transmitting the code included in the information after
converting another code of the designated type.
CONSTITUTION: A **tape reader device** 10 consists of a **tape**
reading part 2, an input/output interface 3, a ROM 4, a RAM 5, a
parallel I/O 6, and an MPU 7. Then the device 10 performs the
conversion of codes while reading a paper **tape** 1 and supplies the
converted code to a CNC device 11. In this case, the **tape** 1
includes an invalid NC **tape** part (label part) 14 and a valid NC
tape part (program part) 15 and an EOB code is added to the end of
each of both blocks. While the MPU 7 **includes** a **label** skipping
part, a code type information deciding part and a code converting

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part. Thus the part 2 starts its **operation** to **detect** an invalid part of the information and also to decide the code type information. Then the code of the information is converted into another one of the designated type.

14/4/17 (Item 6 from file: 347)

FN- DIALOG(R)File 347:JAPIO|
CZ- (c) 2003 JPO & JAPIO. All rts. reserv.|
TI- VIDEO **TAPE** **PLAYER**
PN- 62-146454 -JP 62146454 A-
PD- June 30, 1987 (19870630)
AU- OKAMOTO YOSHIO; DOUMURA TATSUAKI; YAMADA KUMIKO
PA- SANYO ELECTRIC CO LTD [000188] (A Japanese Company or Corporation), JP
(Japan)
AN- 60-288314 -JP 85288314-
AN- 60-288314 -JP 85288314-
AD- December 20, 1985 (19851220)
IC- -4- G11B-015/467
CL- 42.5 (ELECTRONICS -- Equipment)
KW- R101 (APPLIED ELECTRONICS -- Video **Tape** Recorders, VTR); R131
(INFORMATION PROCESSING -- Microcomputers & Microprocessors
SO- Section: P, Section No. 645, Vol. 11, No. 378, Pg. 16, December 10,
1987 (19871210)
AB- PURPOSE: To adjust rapidly tracking by providing a display means for
displaying a delay time setting signal value, changing the contents
of a counter over the whole variable range, and storing the position
of the best reproducing image.

CONSTITUTION: To adjust **tracking** by **operating** UP/DOWN switches 1,
2, a VTR is set to a normal reproducing mode, a mark 75 is moved to
all positions in a range 72 and the position of the mark 75
indicating the best reproducing picture is **stored**. The **mark** 75 is
moved to the stored position to end the tracking adjustment of normal
reproducing. Then, the VTR is set up to a slow reproducing mode and
similar operation is executed to execute tracking adjustment at the
slow reproducing. Thus, the tracking adjustment can be rapidly
executed by storing the position of the best reproducing image.

?

? t16/7/all

16/7/1 (Item 1 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2003 Institution of Electrical Engineers. All rts. reserv.

00215658 INSPEC Abstract Number: A71003983, B71004160, C71003132

Title: Integrated radio slating and crystal-control camera system for cordless synchronization

Author(s): Druce, N.C.H.

Author Affiliation: Audio Engng. Ltd., London, UK

Journal: Journal of the Society of Motion Picture and Television Engineers vol.79, no.10 p.916-19

Publication Date: Oct. 1970 Country of Publication: USA

CODEN: JSMTA4 ISSN: 0361-4573

Language: English Document Type: Journal Paper (JP)

Abstract: A new equipment provides a means of driving motion-picture cameras of various types phase-locked to a crystal oscillator. The equipment incorporates a digital sequential marking system which applies a simple coded signal to the picture and soundtrack at the start and end of each film sequence. The marker signal for the soundtrack is transmitted by radio and the cameraman may use the **transmitter** to record supplementary verbal identification on the soundtrack. The **digital marker** system is entirely automatic, and the **tape recorder** may be stopped and started automatically, in synchronism with the camera.

Subfile: A B C

16/7/2 (Item 2 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2003 Institution of Electrical Engineers. All rts. reserv.

00150605 INSPEC Abstract Number: C70013027

Title: The Crystamatic and its application to double system filming

Author(s): Druce, N.C.H.

Journal: British Kinematography Sound and Television vol.52, no.4 p.98-101, 104

Publication Date: April 1970 Country of Publication: UK

CODEN: BKSTAQ ISSN: 0373-109X

Language: English Document Type: Journal Paper (JP)

Abstract: The author describes a new equipment which provides a means of driving motion picture cameras of various types phase locked to a crystal oscillator. The equipment incorporates a digital sequential marking system which applies a simple coded signal to the picture and sound track at the start and end of each film sequence. The marker signal for the sound track is transmitted by radio and the cameraman may use the **transmitter** to record supplementary verbal identification on the sound track. The **digital marker** system is entirely automatic, and the **tape recorder** may also be stopped and started automatically in synchronism with the camera.

Subfile: C

?

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? t19/4/all

19/4/1 (Item 1 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2003 Thomson Derwent. All rts. reserv.

IM- *Image available*
AA- 2002-681746/200273|
DX- <RELATED> 2001-257205; 2001-257208; 2001-265532; 2001-265544;
2001-290073; 2001-299414; 2001-307763; 2001-327635; 2001-602294;
2002-226168; 2002-339105; 2002-583356; 2002-607535; 2003-466170|
XR- <XRPX> N02-538175|
TI- **Recording medium usage tracking** method e.g. for CD, DVD,
involves storing characteristic of **recording medium** along with
identity of client device in database|
PA- COLLART T R (COLL-I)|
AU- <INVENTORS> COLLART T R|
NC- 001|
NP- 001|
PN- US 20020091575 A1 20020711 US 2000220400 P 20000724 200273 B
<AN> US 2001912079 A 20010724|
AN- <LOCAL> US 2000220400 P 20000724; US 2001912079 A 20010724|
AN- <PR> US 2000220400 P 20000724; US 2001912079 A 20010724|
FD- US 20020091575 A1 G06G-001/14 Provisional application US 2000220400|
LA- US 20020091575(54)|
AB- <PN> US 20020091575 A1|
AB- <NV> NOVELTY - An **indicia** corresponding to an **identifier** of a
recording medium and an **indicia** identifying a client device are
received from the client device. A characteristic of the **recording**
medium is determined based upon the received **indicia** and the
characteristic of the **recording medium** is stored along with
identity of client device in a database.|
AB- <BASIC> USE - For **tracking** and controlling the usage of **recording**
medium such as compact disk (CD), digital versatile disk (DVD), etc.,
storing multimedia contents.
ADVANTAGE - Enables to conveniently and inexpensively maintain the
security of electronic content medium by storing characteristic of
recording medium .
DESCRIPTION OF DRAWING(S) - The figure shows a general block
diagram of the method of tracking electronic medium.
pp; 54 DwgNo 1/25|
AB- <TF> TECHNOLOGY FOCUS - INDUSTRIAL STANDARDS - The video data are coded
according to MPEG-2, MPEG-1, H.261, H.263 techniques.|
DE- <TITLE TERMS> RECORD; MEDIUM; TRACK; METHOD; CD; STORAGE;
CHARACTERISTIC; RECORD; MEDIUM; IDENTIFY; CLIENT; DEVICE; DATABASE|
DC- T01; W04|
IC- <MAIN> G06G-001/14|
IC- <ADDITIONAL> G06F-017/60|
MC- <EPI> T01-J05A2B; T01-J05B4P; T01-J10D; T01-N01D; T01-N02B1A;
W04-C10A1 ; W04-C10A2 ; W04-F01L3; W04-G01L3; W04-P01A4|
FS- EPI||

your applicant

19/4/2 (Item 2 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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IM- *Image available*
AA- 1999-576352/199949|
XR- <XRPX> N99-425511|

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TI- Information distributing apparatus - records **ID** number and predetermined information which are enciphered using disclosure **key**, to **recording medium** |

PA- MATSUSHITA DENKI SANGYO KK (MATU) |

NC- 001 |

NP- 001 |

PN- JP 11250571 A 19990917 JP 9852423 A 19980304 199949 B |

AN- <LOCAL> JP 9852423 A 19980304 |

AN- <PR> JP 9852423 A 19980304 |

FD- JP 11250571 A G11B-020/10 |

LA- JP 11250571(12) |

AB- <BASIC> JP 11250571 A

NOVELTY - The disclosure **key** and the **ID** number which is peculiar to a **recording medium** area read. An encryption device (212) performs the encryption of the read **ID** number and predetermined information using the read disclosure **key**. A **recording device** (215) writes the enciphered **ID** number and predetermined information to the **recording medium**. DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following: a terminal equipment; and an information distributing system.

USE - Used in information distributing system for distributing recording media, such as CD-ROM and DVD-RAM, which record e.g. encrypted movie.

ADVANTAGE - Prevents incorrect copying and unauthorized **usage** of **recording medium**. DESCRIPTION OF DRAWING(S) - The figure shows a block diagram of the information distributing apparatus and terminal equipment. (212) Encryption device; (215) **Recording device**.

Dwg.1/9 |

DE- <TITLE TERMS> INFORMATION; DISTRIBUTE; APPARATUS; RECORD; **ID** ; NUMBER; PREDETERMINED; INFORMATION; ENCIPHER; DISCLOSE; **KEY** ; RECORD; MEDIUM |

DC- P85; T01; T03; W01 |

IC- <MAIN> G11B-020/10 |

IC- <ADDITIONAL> G06F-012/14; G09C-001/00; H04L-009/32 |

MC- <EPI> T01-H01C2; T03-P01; W01-A05B |

FS- EPI; EngPI |

19/4/3 (Item 3 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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IM- *Image available*

AA- 1995-094917/199513 |

XR- <XRPX> N95-074718 |

TI- Video **tape recorder** for pre-programmed recording - uses teletext decoder to produce title of program to be recorded which is then passed to microcomputer |

PA- MATSUSHITA DENKI SANGYO KK (MATU) |

NC- 001 |

NP- 001 |

PN- JP 7021748 A 19950124 JP 93167967 A 19930707 199513 B |

AN- <LOCAL> JP 93167967 A 19930707 |

AN- <PR> JP 93167967 A 19930707 |

FD- JP 7021748 A G11B-027/34 |

LA- JP 7021748(4) |

AB- <BASIC> JP 7021748 A

The video **tape recorder** has a cassette (1) with a unique bar code **tag** (2). The bar code is read by a bar code reader (3) and this information is passed to a microcomputer (4) having a **key** input unit (5). The microcomputer has a static RAM unit (9) for memory storage.

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Signals are received through an antenna (6) and high frequency receiver (7). The signal are multiplexed and decoded in a multiplexer-decoder unit (8) before they reach the microcomputer. The output from the microcomputer is processed in a signal processor (11) and then displayed on a monitor (12).

USE/ADVANTAGE - For **use** in **recording** programs from TV channel. Improves efficiency of cassette **tape** . Facilitates display optimum program title selected from number of program titles.

Dwg.1/4|

DE- <TITLE TERMS> VIDEO; **TAPE** ; RECORD; PRE; PROGRAM; RECORD; TELETEXT;
DECODE; PRODUCE; TITLE; PROGRAM; RECORD; PASS; MICROCOMPUTER|
DC- W04|
IC- <MAIN> G11B-027/34|
IC- <ADDITIONAL> G11B-015/02; G11B-027/10; H04N-005/7826; H04N-005/91|
MC- <EPI> W04-B10B; W04-B10C; W04-E04C5; W04-F01K|
FS- EPI||

19/4/4 (Item 4 from file: 350)

DIALOG(R)File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

IM- *Image available*

AA- 1992-252425/199231|

XR- <XRPX> N92-192682|

TI- Automatic copying in video recorder apparatus - using **key** matrix with **mark key** to start copying between respective tapes, number of keys for numerical inputs relating to recordings to be copied, and control processor|

PA- SAMSUNG ELECTRONICS CO LTD (SMSU)|

AU- <INVENTORS> KOO M H; KOO M|

NC- 003|

NP- 004|

PN- GB 2252194 A 19920729 GB 9121531 A 19911010 199231 B|

PN- US 5280392 A 19940118 US 91767850 A 19910930 199404

PN- GB 2252194 B 19950315 GB 9121531 A 19911010 199514

PN- KR 9605404 B1 19960424 KR 9023086 A 19901231 199915|

AN- <LOCAL> GB 9121531 A 19911010; US 91767850 A 19910930; GB 9121531 A 19911010; KR 9023086 A 19901231|

AN- <PR> KR 9023086 A 19901231|

FD- GB 2252194 A G11B-027/24

FD- US 5280392 A G11B-005/86

FD- GB 2252194 B G11B-027/24

FD- KR 9605404 B1 G11B-015/02|

LA- GB 2252194(16); US 5280392(8); GB 2252194(2)|

AB- <BASIC> GB 2252194 A

The video recorder appts. has two recording decks, and a **key** matrix with a **mark key** , which is used to initiate automatic copying between a respective **recording medium** in each deck, and a number of number keys which are used to select recordings to be copied. A processor controls **operation** of the **recording** decks in accordance with input from the **key** matrix such that the selected recordings are copied from one **recording medium** to the other automatically by comparison of number **key** input with a count of recorded **markers** which indicate the start positions of separate recordings on the medium being copied from.

USE/ADVANTAGE - Allows user to copy selected program on one **tape** deck to **tape** in second deck automatically. Eliminates tedium of user locating required material for reproduction by manually rewinding or forwarding first **tape** .

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Dwg.1.3|
 AB- <GB> GB 2252194 B
 Video **tape recorder** apparatus comprising:- first and second recording decks; a **key** matrix having a **mark key**, which is used to initiate automatic copying between a respective recording **tape** in each deck, and a plurality of number keys which are used to select video recordings to be copied; and processing means which control **operation** of the **recording** decks in accordance with input from the **key** matrix such that the selected recordings are copied from one recording **tape** to the other automatically by comparison of number **key** input with a count of **markers**, recorded on the **tape** being copied, which indicate the start positions of separate recordings thereon.
 Dwg.1/3b|
 AB- <US> US 5280392 A
 The double-deck VCR sub-system automatically selects and records one of many programs on a **tape** of one deck to a **tape** of the other deck. The system displays upon activation of a **mark** service **key** by a user, a message instructing the user to select a desired program to be recorded by using number keys.
 A **mark** signal at a starting point of a program recorded in the first deck **tape** is **detected** by fast forward **operation** of the **tape**, and the system determines whether a **mark** signal counter value equals a program number. Playback mode is used in the first deck and copy mode in the second deck to automatically copy the selected program.
 ADVANTAGE - Simplified copying.
 Dwg.1/3|
 DE- <TITLE TERMS> AUTOMATIC; COPY; VIDEO; RECORD; APPARATUS; **KEY** ; MATRIX; **MARK** ; **KEY** ; START; COPY; RESPECTIVE; **TAPE** ; NUMBER; **KEY** ; NUMERIC; INPUT; RELATED; RECORD; COPY; CONTROL; PROCESSOR|
 DC- W04|
 IC- <MAIN> G11B-005/86; G11B-015/02; G11B-027/24|
 IC- <ADDITIONAL> G11B-031/00|
 MC- <EPI> W04-B01C3; W04-B10K; W04-H01|
 FS- EPI||

19/4/5 (Item 5 from file: 350)
 DIALOG(R) File 350:Derwent WPIX
 (c) 2003 Thomson Derwent. All rts. reserv.

IM- *Image available*
 AA- 1988-214245/198831|
 XR- <XRPX> N88-163400|
 TI- Digital **audio tape recorder** - sets desired program number which is recorded and incremented for each recorded selection|
 PA- SONY CORP (SONY).|
 AU- <INVENTORS> ASANO H|
 NC- 006|
 NP- 006|
 PN- EP 276837 A 19880803 EP 88101185 A 19880127 198831 B|
 PN- US 4831467 A 19890516 US 88148446 A 19880126 198923
 PN- EP 276837 B 19920408 EP 88101185 A 19880127 199215
 PN- DE 3869795 G 19920514 DE 3869795 A 19880127 199221
 <AN> EP 88101185 A 19880127
 PN- SG 9590379 A 19951222 SG 9590379 A 19950301 199611
 PN- KR 9616489 B1 19961212 KR 88674 A 19880128 199931|
 AN- <LOCAL> EP 88101185 A 19880127; US 88148446 A 19880126; EP 88101185 A 19880127; DE 3869795 A 19880127; EP 88101185 A 19880127; SG 9590379 A

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19950301; KR 88674 A 19880128|
 AN- <PR> JP 8717969 A 19870128|
 CT- DE 3704329; EP 187029; EP 203797; EP 220991|
 FD- EP 276837 A
 <DS> (Regional): DE FR GB
 FD- US 4831467 A
 FD- EP 276837 B
 <DS> (Regional): DE FR GB
 FD- DE 3869795 G G11B-027/30 Based on patent EP 276837
 FD- SG 9590379 A Previous Publ. patent EP 276837
 FD- KR 9616489 B1 G11B-005/09|
 LA- EP 276837(E<PG> 15); US 4831467(12); EP 276837(14)|
 DS- <REGIONAL> DE; FR; GB|
 AB- <BASIC> EP 276837 A

The digital **audio tape recording** appts. operates in a **recording**, playback and a recording standby mode. The appts. comprises keys for selecting a desired program number, and switches (4,8) for placing the appts. into the recording standby mode. The position on the **recording medium** (10) of the beginning of a recorded program is detected. The selected program number on the medium (10) is recorded after the recording is started and additional corresp. program numbers for each recorded program are incremented and recorded from the initial program number inputted by the keys in the recording standby mode.

The keys are used for searching the **recording medium** (10) for the program number and the corresp. program during reproduction. The program number determined by the keys is visually indicated (27).

ADVANTAGE - Desired program number specified by ten keys can be recorded together with start **ID** signal.

3/71

AB- <EP> EP 276837 B

An appts. for recording a plurality of programs and corresp. program numbers on a **recording medium** (10), the appts. being of the type having a recording mode, a playback mode and a recording standby mode, comprising means (4,8) for placing said recording appts. into the recording standby mode, means for detecting the position on the medium (10) of the beginning of a recorded program and means for recording a program number on said **recording medium** (10) after the recording is started and thereafter sequentially incrementing and recording additional corresp. program numbers characterised by **key** input means (42) for selecting in the recording standby mode a desired program number which is the initial program number to be recorded. (14pp)|

AB- <US> US 4831467 A

The appts. records programs and corresp. numbers on a **recording medium**. The appts. has a recording mode, a playback mode and a recording standby mode and comprises a **key** input for selecting a desired program number.

The recording appts. is placed into the recording standby mode. The position on the medium of the beginning of a recorded program is detected. The selected program number on the **recording medium** is recorded after the recording is started and thereafter sequentially incrementing and recording additional corresp. program numbers for each recorded program from the initial number inputted by the **key** in the recording standby mode.

(12pp|

DE- <TITLE TERMS> DIGITAL; AUDIO; **TAPE**; RECORD; SET; PROGRAM; NUMBER; RECORD; INCREMENT; RECORD; SELECT|

DC- T03; W04|

IC- <MAIN> G11B-005/09; G11B-027/30|

IC- <ADDITIONAL> G11B-015/18; G11B-027/10; G11B-027/28; G11B-027/34|

MC- <EPI> T03-A06C; T03-J; T03-N03; W04-B; W04-H|

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FS- EPI||

19/4/6 (Item 6 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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AA- 1985-166259/198528|

XR- <XRPX> N85-125174|

TI- Microprocessor controlled dictating machine - has facility for automatic shut down and search control to **marker** positions|

PA- DICTAPHONE CORP (DICT)|

AU- <INVENTORS> DWYER J J; HIPPIE B; SALTZMAN J N|

NC- 006|

NP- 007|

PN- DE 3446634 A 19850704 DE 3446634 A 19841220 198528 B|

PN- GB 2154043 A 19850829 GB 8431678 A 19841214 198535

PN- AU 8436696 A 19850905 198543

PN- US 4686587 A 19870811 US 83564191 A 19831221 198734

PN- GB 2154043 B 19880706 198827

PN- CH 666762 A 19880815 198837

PN- CA 1274914 A 19901002 199045|

AN- <LOCAL> DE 3446634 A 19841220; GB 8431678 A 19841214; US 83564191 A 19831221|

AN- <PR> US 83564191 A 19831221|

FD- DE 3446634 A |

LA- DE 3446634(174)|

AB- <BASIC> DE 3446634 A

The system has a built in microphone (12) and loudspeaker (12). Inputs to the system are provided by push button elements or touch sensitive devices (22,24,30,26,28,34). The unit has a liquid crystal display panel (40) that provides min. power drain on the system batteries.

Recording may take place in either the 'conference' mode (22) or the 'personal' mode (24). In the conference mode the amplification level is increased to allow the microphone input from a number of individual to be recorded. The level is reduced for the personal mode to provide recording of one voice only. Specific points on the **tape** may be identified by pressing a **marker key** (30). A sensing system built into the unit controller detects when an inactive condition has existed for a time period and effects system switch off.

ADVANTAGE - Provides automatic shut down.

1/11|

AB- <GB> GB 2154043 B

A record and/or **playback device** for **recording** information on and **playing** information back from a movable **record medium**, having processor apparatus including counting means actuated in synchronism with the movement of said **record medium** to provide a count representing the relative position of said **record medium**, cue switch means selectively operable to generate a cue indication, cue memory means having plural storage locations for storing in the next available one of said storage locations the count provided by said counting means at the time that said cue indication is generated, means for bidirectionally moving said **record medium**, and means for comparing the count provided by said counting means to the counts stored in said cue memory means until said count provided by said counting means is substantially equal to a count stored in a storage location, whereupon the movement of said **record medium** is interrupted.|

AB- <US> US 4686587 A

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The record and/or **playback device** is controlled by processor. The processor includes a sensor for detecting when the device is in an inactive mode, a timer for determining when the device has remained in this inactive mode for a predetermined time, and circuitry responsive to the timer for disposing the device in a dormant condition in which it does not respond to the operation of the operating control switches.

The processor comprises a microprocessor which includes a counter that is incremented when the **record medium** of the device is moved, and a meory for storing respective counts corresponding to locations of the **record medium** at which cue signals are recorded. When the record meidum is moved, as during fast-forward and rewind operations, the changing count of the couner is compared to the counts stored in the memory and, when this comparison is positive, the movement of the **record medium** is interrupted.

USE - Dictating machine. (50pp)t|

DE- <TITLE TERMS> MICROPROCESSOR; CONTROL; DICTATE; MACHINE; FACILITY; AUTOMATIC; SHUT; DOWN; SEARCH; CONTROL; **MARK** ; POSITION|

DC- T01; T03; W04|

IC- <ADDITIONAL> G06K-015/02; G11B-015/02; G11B-019/02; G11B-027/10|

MC- <EPI> T01-C01; T01-C09; T01-J08; T03-E05; T03-J; T03-N03; W04-B04B; W04-E02B5; W04-H|

FS- EPI||

19/4/7 (Item 1 from file: 347)

FN- DIALOG(R)File 347:JAPIO|

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TI- INFORMATION **RECORDING** AND REPRODUCING **DEVICE** AND METHOD AND INFORMATION PROVISION MEDIUM

PN- 11-203743 -JP 11203743 A-

PD- July 30, 1999 (19990730)

AU- MURAKAMI YUJI

PA- SONY CORP

AN- 10-007383 -JP 987383-

AN- 10-007383 -JP 987383-

AD- January 19, 1998 (19980119)

G11B-015/02; G11B-020/00; H04N-005/7826

AB- PROBLEM TO BE SOLVED: To prevent noise from being superimposed on images by detecting whether or not a storage device is mounted to a **recording medium** and transmitting and receiving the data of relating information corresponding to the detected result. SOLUTION: At the time of judging that a program is being recorded on the video **tape** 13 of a video cassette 11, a microcomputer 35 controls a character generator 37 and performs an alarm display processing to a user so as not to access a **tag** 12. Also, at the time of judging that the user presses a program list display **key** 36 and at the time of judging a **tag** flag = 1, the microcomputer 35 accesses the **tag** 12 through a data transmission/reception antenna 34 and performs the processing of reading **tag** data. During an image **recording operation** , even though the program list display **key** 36 is operated, access with the **tag** 12 is not executed and radio waves generated at the time of the access are prevented from being detected by a head 39 and recorded on the video **tape** 13 as the noise. COPYRIGHT: (C)1999,JPO

19/4/8 (Item 2 from file: 347)

FN- DIALOG(R)File 347:JAPIO|

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Search Report from Ginger R. DeMille

TI- VTR INCORPORATED WITH EDITING FUNCTION
PN- 10-042241 -JP 10042241 A-
PD- February 13, 1998 (19980213)
AU- FURUYAMA HIROAKI
PA- CANON INC [000100] (A Japanese Company or Corporation), JP (Japan)
AN- 08-194523 -JP 96194523-
AN- 08-194523 -JP 96194523-
AD- July 24, 1996 (19960724)
IC- -6- H04N-005/7826; G11B-027/024; H04N-005/225
CL- 44.6 (COMMUNICATION -- Television); 42.5 (ELECTRONICS -- Equipment)
KW- R098 (ELECTRONIC MATERIALS -- Charge Transfer Elements, CCD & BBD);
R101 (APPLIED ELECTRONICS -- Video **Tape** Recorders, VTR); R131
(INFORMATION PROCESSING -- Microcomputers & Microprocessors)
AB- PROBLEM TO BE SOLVED: To clearly recognize the start and the
termination of the recognition of a selected code operation and the
middle of recognition by displaying a state that the **recording**
device of a control object is to be operated and the start and the
termination of selected code operation recognition work.

SOLUTION: If a user depresses the execution **key** of a VTR system
operation device 24 when a menu cursor 40 is positioned in the column
of recorder selection in the menu screen of EVF 22, the selected code
operation is recognized. When the operation of the start of
recognition execution is detected, the **transmission** of the remote
operation command/code a **marker**, which is selected at present, is
prepared, and a command transmission timing timer is initialized and
started. The timer operates in a system controller 20. The controller
20 transmits a recording pause release command to an external
recording device from an infrared remote control signal generation
device 30 as soon as the timer starts. Furthermore, the **recording**
device receives the command and displays it in a column 42 showing
the state to be operated. Such display operation is continued until
the termination of recognition work is accordance with the timer.

19/4/9 (Item 3 from file: 347)

FN- DIALOG(R)File 347:JAPIO|
CZ- (c) 2003 JPO & JAPIO. All rts. reserv.|
TI- **RECORDING MEDIUM** REPRODUCING METHOD
PN- 08-031106 -JP 8031106 A-
PD- February 02, 1996 (19960202)
AU- KASHIWAZAKI TAKASHI; OGAWA TADASHI; KUNIMARU NORITAKA; SUZUKI KIYOMI
PA- PIONEER ELECTRON CORP [000501] (A Japanese Company or Corporation), JP
(Japan)
AN- 07-153879 -JP 95153879-
AN- 07-153879 -JP 95153879-
AD- May 29, 1995 (19950529)
IC- -6- G11B-020/12; G11B-027/10; H04N-005/91; H04N-005/92; H04N-005/93
CL- 42.5 (ELECTRONICS -- Equipment); 44.6 (COMMUNICATION -- Television)
KW- R102 (APPLIED ELECTRONICS -- Video Disk Recorders, VDR); R131
(INFORMATION PROCESSING -- Microcomputers & Microprocessors)
AB- PURPOSE: To reproduce an image by combining a microcomputer, etc.,
having a CRT display with a **recording medium playing device**
by adding and recording absolute address information together with a
control bit showing the kinds of the image data on respective
sub-blocks.

CONSTITUTION: Respective sub-blocks are constituted of the
identification data **ID** showing the address, etc., of the
information data and the data succeeding to that, and the **ID** is

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held between gap parts. The **ID** is constituted of a start **mark** showing the top of the address, the address and a control word. Then, the address constitutes an absolute address constituted of a music number, timer information such as minute, second, and a sub-block number, and is constituted so that a search function of a conventional digital **audio disk player** 1 is used. Search operation is performed based on the address information from a **key** board 6, and a CPU 3 compares an inspection address with a reproduction address when **ID** field is detected, and performs a CRT 8 display when both coincide with each other.

19/4/10 (Item 4 from file: 347)

FN- DIALOG(R)File 347:JAPIO|
CZ- (c) 2003 JPO & JAPIO. All rts. reserv.|
TI- MAGNETIC **RECORDING** /REPRODUCING **DEVICE**
PN- 07-182726 -JP 7182726 A-
PD- July 21, 1995 (19950721)
AU- YANAKA NORIYUKI
PA- SHARP CORP [000504] (A Japanese Company or Corporation), JP (Japan)
AN- 05-326748 -JP 93326748-
AN- 05-326748 -JP 93326748-
AD- December 24, 1993 (19931224)
IC- -6- G11B-015/087; G11B-027/28
CL- 42.5 (ELECTRONICS -- Equipment)
KW- R011 (LIQUID CRYSTALS); R131 (INFORMATION PROCESSING --
Microcomputers & Microprocessors)
AB- PURPOSE: To facilitate skip **marker** erasing **operation** by **detecting**
a skip **marker** within a short time.

CONSTITUTION: Basic reproducing and refording operations are the same as conventional case. In order to detect the skip **marker** detected only in a reproducing mode within a short time, each time a DCC **tape** is loaded and the device is in the reproducing mode, absolute time information corresponding to the position of the skip **marker** detected during reproducing is sequentially written in a memory in a system control circuit 6 and when a **key** is operated to perform skip **marker** erasing, the control circuit 6 detects, based on the absolute time information written in the memory, the skip **marker** in a high speed searching mode and erases this if this is one to be erased. In a user format the absolute time information is not recorded, and thus in this case, based on counter information indicating a **tape** position and sector information indicating sectors A and B instead of the absolute the skip **marker** is detected.

19/4/11 (Item 5 from file: 347)

FN- DIALOG(R)File 347:JAPIO|
CZ- (c) 2003 JPO & JAPIO. All rts. reserv.|
TI- DEVICE FOR RECORDING AND REPRODUCING AUDIO SIGNAL
PN- 06-012839 -JP 6012839 A-
PD- January 21, 1994 (19940121)
AU- HASHIMOTO TOYOHIRO; HITOMI AKIHIKO
PA- SANYO ELECTRIC CO LTD [000188] (A Japanese Company or Corporation), JP
(Japan)
AN- 04-168661 -JP 92168661-
AN- 04-168661 -JP 92168661-
AD- June 26, 1992 (19920626)
IC- -5- G11B-027/28; G11B-015/087

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CL- 42.5 (ELECTRONICS -- Equipment)
KW- R131 (INFORMATION PROCESSING -- Microcomputers & Microprocessors)
SO- Section: P, Section No. 1728, Vol. 18, No. 216, Pg. 76, April 18, 1994
(19940418)
AB- PURPOSE: To provide an audio signal **recording** and reproducing **device** giving no damage to a mechanism and a **tape** when the start position signal of a **label ID**, etc., indicating the head of a program is manually recorded on a proper **tape** position.

CONSTITUTION: Regarding the position of the **label ID** recorded on the magnetic **tape** 22 as a reference, a **tape** recording signal within the fixed section back and forth of the position is stored in a memory 31. Thereafter, when the signal is read from the memory 31, a read start address is revised corresponding to **key** input **operation**, and the proper **recording** position of the **label** 16 is judged based on a sound reproduced by the address, and the after recording of the **label ID** is executed.

19/4/12 (Item 6 from file: 347)

FN- DIALOG(R)File 347:JAPIO|
CZ- (c) 2003 JPO & JAPIO. All rts. reserv.|
TI- DIGITAL AUDIO TAPE RECORDER
PN- 03-035456 -JP 3035456 A-
PD- February 15, 1991 (19910215)
AU- NAGASHIMA NOZOMI; SAITOU HIROHISA; HAGIWARA KAZUO; ENOMOTO KIYOSHI
PA- PIONEER ELECTRON CORP [000501] (A Japanese Company or Corporation), JP
(Japan)
AN- 01-169845 -JP 89169845-
AN- 01-169845 -JP 89169845-
AD- July 03, 1989 (19890703)
IC- -5- G11B-015/087; G11B-027/28
CL- 42.5 (ELECTRONICS -- Equipment)
KW- R131 (INFORMATION PROCESSING -- Microcomputers & Microprocessors)
SO- Section: P, Section No. 1197, Vol. 15, No. 172, Pg. 63, April 30, 1991
(19910430)
AB- PURPOSE: To quickly retrieve a part to be recorded with a start **ID** and to record a necessary start **ID** in an accurate position by operating an absolute address retrieval **key** of an operating part and reproducing consequently information in parts at stored absolute addresses in turn.

CONSTITUTION: When the absolute address retrieval **key** of an operating part 1 is operated under the state of loading a cassette half into a mechanism part 2, the mechanism part 2 is controlled by a control part 12 to reproduce the information in turn at least before each prescribed time of the absolute addresses A(sub 1)-A(sub 3) of a magnetic **tape** stored in an absolute address storage circuit 11. Consequently, when the start IDs IS(sub 1)-IS(sub 4) are recorded in the parts where the information is reproduced in turn, a start **ID recording key** of the **operating** part 1 is operated, so that the start IDs IS(sub 1)-IS(sub 4) can be recorded by controlling with the control part 12. By this method, the part to be recorded with the start **ID** can quickly be retrieved, and also the necessary start **ID** can be recorded in its accurate position.

19/4/13 (Item 7 from file: 347)

FN- DIALOG(R)File 347:JAPIO|
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TI- DIGITAL AUDIO TAPE RECORDER

PN- 03-035455 -JP 3035455 A-

PD- February 15, 1991 (19910215)

AU- NAGASHIMA NOZOMI; HAGIWARA KAZUO; SAITOU HIROHISA; ENOMOTO KIYOSHI

PA- PIONEER ELECTRON CORP [000501] (A Japanese Company or Corporation), JP (Japan)

AN- 01-169844 -JP 89169844-

AN- 01-169844 -JP 89169844-

AD- July 03, 1989 (19890703)

IC- -5- G11B-015/087; G11B-027/28

CL- 42.5 (ELECTRONICS -- Equipment)

KW- R131 (INFORMATION PROCESSING -- Microcomputers & Microprocessors)

SO- Section: P, Section No. 1197, Vol. 15, No. 172, Pg. 63, April 30, 1991 (19910430)

AB- PURPOSE: To easily retrieve a position desired to be recorded with a skip ID and hence to record it in its accurate position by operating an absolute address retrieval key and reproducing consequently information in parts at stored absolute addresses in turn.

CONSTITUTION: An absolute address storage circuit 11 is provided for storing the absolute addresses A(sub 1) and A(sub 2) of a magnetic tape based on an output of an operating part 1 by operating its absolute address recording key in order to record the skip IDs IK(sub 1) and IK(sub 2) when the information is recorded or reproduced. Then, when the absolute address retrieval key of an operating part 1 is operated under the state of loading a cassette half into a mechanism part 2, the mechanism part 2 is controlled by a control part 12 to reproduce the information in turn before each prescribed time of the absolute addresses A(sub 1)-A(sub 3) of a magnetic tape stored in an absolute address storage circuit 11. By this method, the parts desired to be recorded with the skip IDs IK(sub 1) and IK(sub 2) can be retrieved in turn, and the skip IDs IK(sub 1) and IK(sub 2) can be recorded in their accurate positions by operating a skip ID recording key of the operating part 1.

19/4/14 (Item 8 from file: 347)

FN- DIALOG(R)File 347:JAPIO|

CZ- (c) 2003 JPO & JAPIO. All rts. reserv. |

TI- INFORMATION RECORDING AND REPRODUCING DEVICE

PN- 63-144463 -JP 63144463 A-

PD- June 16, 1988 (19880616)

AU- HARIGAYA ISAO; TOBE KAZUMITSU; HORI TAIZO; KANASHIKI MASAAKI

PA- CANON INC [000100] (A Japanese Company or Corporation), JP (Japan)

AN- 61-290494 -JP 86290494-

AN- 61-290494 -JP 86290494-

AD- December 08, 1986 (19861208)

IC- -4- G11B-020/12; H04L-009/00

CL- 42.5 (ELECTRONICS -- Equipment); 44.3 (COMMUNICATION -- Telegraphy)

KW- R101 (APPLIED ELECTRONICS -- Video Tape Recorders, VTR)

SO- Section: P, Section No. 778, Vol. 12, No. 408, Pg. 3, October 28, 1988 (19881028)

AB- PURPOSE: To secure the confidentiality of information recorded on a recording medium by generating a password at the time of recording information to decide a data arrangement in a recording signal accordingly.

CONSTITUTION: A data selector 7 supplies output data of an ID word

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generator 5 together with output data of a password generator 3 or an A/D converter 4 to a RAM 9 to attain a specified data arrangement. The arrangement depends on kinds of passwords generated by a password generator 21. Then the signal is outputted to a terminal 12 via a PCM circuit 11 and recorded on a magnetic **tape**. On the other hand, when a reproducing signal is inputted to a terminal 13, it is supplied to a RAM 16 via a digital demodulator 14. When the same password is generated as that at **recording** by **key operation** 24, an address control 17 applies inverse arrangement conversion from that at the time of recording and data such as a character reproduced at a terminal 123 is outputted from a data selector 25 via a password reproduction circuit 20.

19/4/15 (Item 9 from file: 347)

FN- DIALOG(R)File 347:JAPIO|
CZ- (c) 2003 JPO & JAPIO. All rts. reserv.|
TI- DIGITAL **AUDIO TAPE DEVICE**
PN- 62-264470 -JP 62264470 A-
PD- November 17, 1987 (19871117)
AU- FUJII TERUO
PA- HITACHI LTD [000510] (A Japanese Company or Corporation), JP (Japan)
AN- 61-106605 -JP 86106605-
AN- 61-106605 -JP 86106605-
AD- May 12, 1986 (19860512)
IC- -4- G11B-015/087; G11B-027/22
CL- 42.5 (ELECTRONICS -- Equipment)
KW- R131 (INFORMATION PROCESSING -- Microcomputers & Microprocessors)
SO- Section: P, Section No. 697, Vol. 12, No. 144, Pg. 132, May 06, 1988 (19880506)
AB- PURPOSE: To enable a start signal (start **ID**) which represents the forefront of a music to be recorded automatically or optionally, by providing a means which outputs information to automatically represent the forefront of the music, and a means which records the information to represent the forefront, when a state is changed from the state other than a sound recording state to the sound **recording** state by the **operation** of an operating switch.

CONSTITUTION: A DTA device is in a stop state immediately after a power source is applied, and a sequencer 7 inspects the depression of a sound recording **key** 9, or a sound recording temporary stop **key** 10, and when the sound recording **key** 9 is depressed, a digital signal processing circuit 4 is switched to a sound **recording operation**; and a servo circuit 2 is controlled, then a cylinder motor is driven, next, a capstan motor is driven. Then the digital signal processing circuit 4 is controlled, and after the sound recording is performed by setting the start **ID** at '1' for about 9sec, the state goes to the sound recording state. In the sound recording state, the sequencer 7 inspects the depression of the sound recording temporary stop **key** 10, a stop **key** 8, and a start **ID key** 11, and when the sound recording temporary stop **key** 10 is depressed, the sequencer 7 stops the capstan motor by controlling the servo circuit 4, then the state goes to a sound recording temporary stop state.

19/4/16 (Item 10 from file: 347)

FN- DIALOG(R)File 347:JAPIO|
CZ- (c) 2003 JPO & JAPIO. All rts. reserv.|
TI- PICTURE FILE SYSTEM

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PN- 62-154282 -JP 62154282 A-
PD- July 09, 1987 (19870709)
AU- WADA YOSHIHIRO
PA- CANON INC [000100] (A Japanese Company or Corporation), JP (Japan)
AN- 60-295942 -JP 85295942-
AN- 60-295942 -JP 85295942-
AD- December 26, 1985 (19851226)
IC- -4- G11B-027/00
CL- 42.5 (ELECTRONICS -- Equipment)
KW- R002 (LASERS); R131 (INFORMATION PROCESSING -- Microcomputers & Microprocessors)
SO- Section: P, Section No. 648, Vol. 11, No. 389, Pg. 121, December 19, 1987 (19871219)
AB- PURPOSE: To **use** a **recording medium** which is used in a prescribed picture file system in another picture file system as well in a picture file system using **recording medium driving device**, by preparing index information areas at every optical disk in a hard disk.

CONSTITUTION: A picture storing area 31 is used for successively storing picture from the lower order to the higher order of sector addresses. A management information storage area 32 is an area in which management information related to pictures is stored and **key** words 42 for retrieval 42, a leading sector address 43 at which pictures are stored, picture length 44, paper size of A4, A3, etc., and the resolution 46 of pictures are shown as examples in sectors for storing index information of an **ID** 41. When a change or addition becomes necessary to the prescribed sector of the management information recording area 32, it becomes necessary to rewrite the index information to which the change or addition is made in another sector. An **ID** 51 is a substitute information sector.

?

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? t22/7/all

22/7/1 (Item 1 from file: 2)
DIALOG(R)File 2:INSPEC
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00163016 INSPEC Abstract Number: B70028705

Title: Evaluation of low cost video tape recorder . Final report

Author(s): Delaney, R.W.; McFann, H.L.

Issued by: Federal Aviation Administration, Atlantic City, NJ, USA

Publication Date: May 1969 Country of Publication: USA 40 pp.

Report Number: NA-69-12

Availability: CFSTI, Springfield, VA 22151, USA

Language: English Document Type: Report (RP)

Abstract: A low-cost television type video **tape recorder** system was tested to determine whether the system could provide a recording of radar targets suitable for use in recreating air traffic situations. The equipment was evaluated in two modes of **operation**: (1) camera **recording** of the radar video from a scan-converted display; and (2) on-line recording of the radar video from the signal bus of a high-resolution scan converter. Although the mechanical performance of the system was adequate, its narrow bandwidth significantly degraded the resolution of the recorded display. Certain operational features were identified as further limiting factors. These features included **tape** running time, audio track capability, and automatic switchover features. In view, of these limitations, it was concluded that the performance of the system was marginal for its **intended use**.

Subfile: B

?

? t23/4/all

23/4/1 (Item 1 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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IM- *Image available*

AA- 2003-330293/200331|

XR- <XRPX> N03-264402|

TI- Recording media such as compact disk in **rental** shop, records identification information indicating whether recording media is for **rental use** in one of **recording** area and lead-in area|

PA- SONY CORP (SONY); FURUKAWA S. (FURU-I); INOKUCHI T (INOK-I); KIJIMA K (KIJI-I); NAKAGAWA T (NAKA-I); SAKO Y (SAKO-I); SAKURAI K (SAKU-I); TANGE A (TANG-I); TORIYAMA M (TORI-I); UTSUMI Y (UTSU-I)|

AU- <INVENTORS> FURUKAWA S; INOKUCHI T; KIJIMA K; NAKAGAWA T; SAKO Y; SAKURAI K; TANGE A; TORIYAMA M; UTSUMI Y|

NC- 002|

NP- 002|

PN- US 20030012099 A1 20030116 US 2002145394 A 20020514 200331 B|

PN- JP 2003091927 A 20030328 JP 2002137777 A 20020513 200331|

AN- <LOCAL> US 2002145394 A 20020514; JP 2002137777 A 20020513|

AN- <PR> JP 2001143599 A 20010514|

LA- US 20030012099(22); JP 2003091927(16)|

AB- <PN> US 20030012099 A1|

AB- <NV> NOVELTY - An identification information which indicates whether or not **recording medium** is for a **rental use** is recorded in one of recording areas (2,3) and lead-in area (4).|

AB- <BASIC> DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for the following:

- (1) **recording medium** playback method;
- (2) **recording medium** playback apparatus;
- (3) recording method;
- (4) recording apparatus; and
- (5) data output method.

USE - E.g. compact disk (CD), digital versatile disk (DVD) used in **rental** shop.

ADVANTAGE - Prevents playback and copying of digital content data recorded in recording area by recording identification information indicating whether **recording medium** is for **rental use**.

DESCRIPTION OF DRAWING(S) - The figure shows an optical disk.

recording areas (2,3)

lead-in area (4)

pp; 22 DwgNo 1/11|

DE- <TITLE TERMS> RECORD; MEDIUM; COMPACT; DISC; RENT; SHOP; RECORD; IDENTIFY; INFORMATION; INDICATE; RECORD; MEDIUM; RENT; ONE; RECORD; AREA; LEAD; AREA|

DC- P85; W04|

IC- <MAIN> G11B-007/00; G11B-020/10|

IC- <ADDITIONAL> G06F-003/06; G06T-001/00; G09C-005/00; G11B-020/12; G11B-027/00; H04N-001/387; H04N-005/85; H04N-005/91; H04N-005/92; H04N-005/93|

MC- <EPI> W04-C05; **W04-C10A3** ; W04-F01L3; W04-H01C|

FS- EPI; EngPI||

23/4/2 (Item 2 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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IM- *Image available*
AA- 2002-461648/200249|
XR- <XRPX> N02-363869|
TI- Computer system for data management on CD-ROM, DVD-ROM disks, executes program to categorize each disk inserted into disk changer and to access or playback stored files on loaded disks|
PA- SONY CORP (SONY); SONY ELECTRONICS INC (SONY)|
AU- <INVENTORS> KATZ N P; NAKAMURA J; SHINKAI H|
NC- 001|
NP- 001|
PN- US 6356971 B1 20020312 US 99262943 A 19990304 200249 B|
AN- <LOCAL> US 99262943 A 19990304|
AN- <PR> US 99262943 A 19990304|
LA- US 6356971(16)|
AB- <PN> US 6356971 B1|
AB- <NV> NOVELTY - The computer system executes program to detect insertion of several disks in user's collection into **disk** changer **device** and to automatically create a database of information which describes and categorizes each inserted disk. The program is executed for loading the disks into the drives and for accessing the files or **playing** audio or video **tracks** that are stored in the loaded disks.|
AB- <BASIC> DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:
 (a) Method for managing a user's collection of disks;
 (b) Computer readable storage medium with instructions for managing user's collection of disks
 USE - For managing thousands of multimedia files, medical records, legal proceeding, forms contained in compact disk-digital audio (CDDA) disks, CD-extra disks, floppy disks, removable hard-disks e.g. Iomega zip, CD-ROM disks, DVD-ROM disks, and recordable or rewritable disks of CD-ROMs and DVD-ROMs used in museums, **retail** music and video stores, and shopping mall kiosks, home, workstations, etc, especially for graphic artists, attorneys, accountants and physicians.
 ADVANTAGE - Manages data stored in CD-ROMs more efficiently and effectively. Provides automatic inventory, loading, playlist construction and multidisk playback features. Enhances user's ability to find information within a potentially massive collection of multimedia content.
 DESCRIPTION OF DRAWING(S) - The figure shows the flow chart representing a disc collection management operation using a computer program.
 pp; 16 DwgNo 5A/5|
DE- <TITLE TERMS> COMPUTER; SYSTEM; DATA; MANAGEMENT; CD; ROM; ROM; DISC; EXECUTE; PROGRAM; CATEGORY; DISC; INSERT; DISC; CHANGE; ACCESS; PLAYBACK; STORAGE; FILE; LOAD; DISC|
DC- T01; T03|
IC- <MAIN> G06F-013/00|
MC- <EPI> T01-E01B; T01-H01B2; T01-J05B1; T01-J05B3; T01-J08A; T01-S03; T03-F01C; **T03-N01** |
FS- EPI||

23/4/3 (Item 3 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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IM- *Image available*
AA- 1992-042345/199206|
DX- <RELATED> 1992-065116|
XR- <XRPX> N92-032543|
TI- Customer-operated system for sampling recorded entertainment - reads id

215-Oct-0312:01 PM

Search Report from Ginger R. DeMille

label or data from **retail** display package and plays preselected part through headphones|
PA- FISCHER M (FISC-I)|
AU- <INVENTORS> FISCHER M|
NC- 001|
NP- 001|
PN- DE 4023632 A 19920130 DE 4023632 A 19900725 199206 B|
AN- <LOCAL> DE 4023632 A 19900725|
AN- <PR> DE 4023632 A 19900725|
CT- 2.Jnl.Ref; EP 377474; GB 2062935; GB 2218081; JP 59191171; JP 63053772; US 4445147; WO 8907807|
FD- DE 4023632 A |
LA- DE 4023632(6)|
AB- <BASIC> DE 4023632 A

A label (e.g. a barcode) (8) on the **record carrier** package (9) can be read by one of a set of scanners (10). On the basis of the data (D1) sent to the controller (11), digitised audio data (D2) is extracted from a mass storage unit (12), and the derived sound signal (S2) is sent to the headphones or loudspeakers (14).

The mass storage unit may comprise specially recorded CD-ROMs.

USE/ADVANTAGE - **Retail** music stores, esp. for Compact Disc sales. **Use** can be **monitored** and analysed to evaluate product interest and effectiveness of displays.

Dwg.2/2|

AB- <EP> EP 540632 B

Structure for the determination of the contents of sound or picture carriers, in particular compact discs, - with a processing unit (11) which processes data or converts it into signals, - with a memory unit (12) which contains parts of the contents of these sound and picture carriers, whereby this memory unit is separate from the actual sound or picture carrier in question, - with a playback unit (14), which is able to reproduce one or more of the contents of the sound or picture carrier in question, characterized by the fact that a sensor system (7), to be operated by the user, exists and which reacts to parts (8) of the packaging of the sound or picture carrier in question (9) or other supplements to the sound or picture carrier so that through the use of the processing unit (11) and the playback unit (14) the parts of the contents of the sound or picture carriers may be reproduced from the memory unit (12).

Dwg.1/4|

DE- <TITLE TERMS> CUSTOMER; OPERATE; SYSTEM; SAMPLE; RECORD; ENTERTAINMENT; READ; ID; LABEL; DATA; **RETAIL** ; DISPLAY; PACKAGE; PLAY; PRESELECTED; PART; THROUGH; HEADPHONE|
DC- P85; T04; W04|
IC- <ADDITIONAL> G06K-007/10; G09F-019/10; G11B-025/04|
MC- <EPI> T04-A03B1; **W04-C10A1** ; W04-K05|
FS- EPI; EngPI||

23/4/4 (Item 1 from file: 347)

FN- DIALOG(R)File 347:JAPIO|
CZ- (c) 2003 JPO & JAPIO. All rts. reserv.|
TI- ARTICLE **SALE** SERVICE PROVIDING SYSTEM, ARTICLE **SALE** SERVICE PROVIDING NETWORK **OPERATING** SYSTEM, INFORMATION **RECORDING** MEDIUM AND MANAGING METHOD THEREFOR
PN- 2001-147974 -JP 2001147974 A-
PD- May 29, 2001 (20010529)
AU- MURAKAMI HIRONOBU; SUZUKI TAKASHI
PA- SONY CORP
AN- 2000-197004 -JP 2000197004-

Search Report from Ginger R. DeMille

AN- 2000-197004 -JP 2000197004-

AD- June 29, 2000 (20000629)

PR- 11-183809 [JP 99183809], JP (Japan), June 29, 1999 (19990629);
11-256337 [JP 99256337], JP (Japan), September 09, 1999 (19990909)

G06F-017/60; G06F-017/40; G06K-017/00; G06K-019/00

AB- PROBLEM TO BE SOLVED: To control the price of providing an article or service corresponding to the utilization situation of a client who receives the provision of this article or service and to promote the **sale** of business for selling tat article or providing the service.

SOLUTION: This system is provided with an information **recording medium** 1 to which a managing number is previously applied, a providing device Si for selling the article or providing the service on the basis of this information **recording medium** 1, an information reading/ **recording device** Ri provided for each providing device Si for reading the managing number of the information **recording medium** 1 and recording the date/time of a use, the amount of utilization, the width of utilizing time and the kind and item of the article or service, data totalizing means 2 for totalizing the date/time of the use, the width of the utilizing time and the amount of utilization recorded by the information reading/ **recording device** Ri for each information **recording medium** 1 with the managing number of this information **recording medium** 1 as a reference and totalizing the kind and item of the article or service, and controller 3 for analyzing the utilizing situation of the client from the result totalized by this data totalizing means 2 and performing control so as to increase/decrease the providing price related to article **sale** or utilizing time width related to service provision. COPYRIGHT: (C)2001,JPO

23/4/5 (Item 2 from file: 347)

FN- DIALOG(R)File 347:JAPIO|

CZ- (c) 2003 JPO & JAPIO. All rts. reserv. |

TI- MAGNETIC **RECORDING AND REPRODUCING DEVICE**

PN- 07-272353 -JP 7272353 A-

PD- October 20, 1995 (19951020)

AU- KUDO MINORU; MATSUOKA YOSHIKI; YOSHIKAWA KANJI

PA- HITACHI LTD [000510] (A Japanese Company or Corporation), JP (Japan);
HITACHI GAZO JOHO SYST KK [000000] (A Japanese Company or Corporation), JP (Japan)

AN- 06-058482 -JP 9458482-

AN- 06-058482 -JP 9458482-

AD- March 29, 1994 (19940329)

IC- -6- G11B-015/467; G11B-005/588

CL- 42.5 (ELECTRONICS -- Equipment)

KW- R101 (APPLIED ELECTRONICS -- Video **Tape** Recorders, VTR); R131
(INFORMATION PROCESSING -- Microcomputers & Microprocessors)

AB- PURPOSE: To improve precision of the auto- **tracking operation** by changing over the gain of an envelope detecting circuit.

CONSTITUTION: An envelope signal reproduced from a video head 1 is converted to a DC voltage by the envelope detecting circuit 3 after inputted to a head amplifier 2 and amplified there. This signal is inputted to a microcomputer 4, and the voltage is corrected by a voltage correction circuit in accordance with the amount of the DC voltage. By means of changing over the gain, the satisfied auto- **tracking operation** is executed even for a **rental tape** or S-VHS (registered trademark) **tape** .

Search Report from Ginger R. DeMille

23/4/6 (Item 3 from file: 347)

FN- DIALOG(R)File 347:JAPIO|
CZ- (c) 2003 JPO & JAPIO. All rts. reserv.|
TI- **RECORDING AND REPRODUCING DEVICE**
PN- 02-246037 -JP 2246037 A-
PD- October 01, 1990 (19901001)
AU- MORIO MINORU; HIRATSUKA MASARU
PA- SONY CORP [000218] (A Japanese Company or Corporation), JP (Japan)
AN- 01-065044 -JP 8965044-
AN- 01-065044 -JP 8965044-
AD- March 17, 1989 (19890317)
IC- -5- G11B-015/02
CL- 42.5 (ELECTRONICS -- Equipment)
KW- R101 (APPLIED ELECTRONICS -- Video **Tape** Recorders, VTR)
SO- Section: P, Section No. 1145, Vol. 14, No. 574, Pg. 101, December 20,
1990 (19901220)
AB- PURPOSE: To protect a copyright by preventing a 2nd unit from
performing a **recording operation** when an erroneous erasure
preventing mechanism of a **tape** cassette loaded in a 1st unit is
under a recording inhibitory state.

CONSTITUTION: With regard to a **tape** cassette 15 without a slider 38
but with an erroneous erasure prevention detecting hole 36 under its
opening state, when this **tape** cassette 15 is loaded into the 1st
unit, the opening state of the detecting hole 36 is detected via a
probe 39 by a detecting part 24. Then, a switch 25 is opened by
interlocking with this detection. Consequently, even when an
operation part 26 is operated, a recording circuit 22 is not
operated, and hence the **recording operation** by the 2nd unit is
obstructed. By this method, a soft **tape** borrowed from a **rental**
shop, etc., cannot be dubbed, thus ensuring that the copyright is
protected.

?

Search Report from Ginger R. DeMille

? show files

File 348:EUROPEAN PATENTS 1978-2003/Oct W01
 (c) 2003 European Patent Office
 File 349:PCT FULLTEXT 1979-2002/UB=20031009,UT=20031002
 (c) 2003 WIPO/Univentio
 File 15:ABI/Inform(R) 1971-2003/Oct 13
 (c) 2003 ProQuest Info&Learning
 File 16:Gale Group PROMT(R) 1990-2003/Oct 14
 (c) 2003 The Gale Group
 File 148:Galé Group Trade & Industry DB 1976-2003/Oct 15
 (c)2003 The Gale Group
 File 160:Gale Group PROMT(R) 1972-1989
 (c) 1999 The Gale Group
 File 275:Gale Group Computer DB(TM) 1983-2003/Oct 14
 (c) 2003 The Gale Group
 File 621:Gale Group New Prod.Annou.(R) 1985-2003/Oct 15
 (c) 2003 The Gale Group
 File 9:Business & Industry(R) Jul/1994-2003/Oct 14
 (c) 2003 Resp. DB Svcs.
 File 20:Dialog Global Reporter 1997-2003/Oct 15
 (c) 2003 The Dialog Corp.
 File 476:Financial Times Fulltext 1982-2003/Oct 15
 (c) 2003 Financial Times Ltd
 File 610:Business Wire 1999-2003/Oct 15
 (c) 2003 Business Wire.
 File 613:PR Newswire 1999-2003/Oct 15
 (c) 2003 PR Newswire Association Inc
 File 634:San Jose Mercury Jun 1985-2003/Oct 14
 (c) 2003 San Jose Mercury News
 File 636:Gale Group Newsletter DB(TM) 1987-2003/Oct 14
 (c) 2003 The Gale Group
 File 810:Business Wire 1986-1999/Feb 28
 (c) 1999 Business Wire
 File 813:PR Newswire 1987-1999/Apr 30
 (c) 1999 PR Newswire Association Inc

? ds

Set	Items	Description
S1	445990	(TRACK? OR TRACE? OR MONITOR? OR IDENTIFY? OR SURVEILLANCE? OR DETECT? OR WATCH? OR RECORDING OR COMMUNICATING OR TRANSMIT? OR TRANSMISSION OR RELAY?) (3N) (USAGE OR USE OR OPERATION - OR PLAYING OR OPERATE OR OPERATES OR OPERATING)
S2	57194	(RECORDING OR RECORD OR TAPE OR PLAYBACK OR CD OR DISK OR - DISC OR AUDIO) (2W) MEDIUM OR MINIDISK OR MINIDISC OR MINI()DISK OR (FLOPPY OR SOFT OR MINI)()DISC OR "3??DISK OR 3??DISC"
S3	800309	(AUDIO? OR VISUAL) (2W) (RECORD OR FILM OR TAPE OR PHONOGRAP-H) OR RECORD(1W) CARRIER? ? OR TAPE OR MC=(T01-H01B1? OR T03-N-01? OR T03-B01?) OR IC=G11B-007/24:G11B-007/26
S4	194170	(DIGITAL? OR STORED OR STORING OR ENCOD? OR EMBED? OR ATTA-CH? OR INCORPORAT? OR INCLUD?) (2N) (IDENTIFIER? OR ID OR MARKE-R? ? OR TAG? OR LABEL? OR MARK? ?)
S5	6233182	IDENTIFIER? OR ID OR MARKER? ? OR TAG? OR LABEL? OR MARK? ?
S6	7404958	INDICIA? OR INDICIUM OR TOKEN OR SIGNATURE OR SIGN OR KEY
S7	164439	(TWO OR "2" OR SECOND OR PLURALITY) (1W) S6
S8	11967030	CLIENT? OR PC OR WORKSTATION? OR COMPUTER OR DESKTOP OR TE-RMINAL OR NODE
S9	15704121	SERVER? OR INTERNET? OR INTRANET? OR WEB OR NETWORK?
S10	7246446	INTENDED()USE OR RENTAL OR RETAIL OR SALE
S11	222963	(RECORDING OR RECORD OR TAPE OR PLAYBACK OR CD OR DISK OR - DISC OR AUDIO? OR MUSIC) (2W) (PLAYER? ? OR DEVICE OR RECORDER) OR JUKEBOX?? OR JUKE()BOX?? OR CD()PLAYER OR CDPLAYER? OR MC=-

Search Report from Ginger R. DeMille

(W04-C10A1 OR W04-C10A2 OR W04-C10A3 OR W04-C10A4 OR ...
S12 24 S1(S) (S2 OR S11) (S)S3(S)S4
S13 6 S1(S) (S2 OR S11) (S)S3(S)S5(S)S6(S)S8(S)S9
S14 7 S1(S) (S2 OR S11) (S)S3(S)S5(S)S6(S)S10
S15 31 S12:S14
S16 24 S15 FROM 348,349
S17 7 S15 NOT S16
S18 3 RD (unique items)
?

? t18/3,k/all

18/3,K/1 (Item 1 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2003 The Gale Group. All rts. reserv.

08064283 Supplier Number: 66893507 (USE FORMAT 7 FOR FULLTEXT)
(0) CD Recordings Fast and Easy. (CD Recordings Fast and Easy - Stomp's
Click 'N Burn Pro's unique features, interface, and speed set it apart.)
Powell, James E.
WinMag.com, pNA
Nov 10, 2000
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 1195

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

...and a button to launch each: copy a CD, make a data CD, create an **audio** CD, and **record** live music (through your sound card). Even for experienced users like myself, the interface removes...

...CD Text (such as song titles) to audio compilations, run a diagnostic test of your **CD recorder**, and build an exact CD image on your hard drive. It also provides access to...

...incorporate it. Because the program uses a custom-designed ASPI layer to communicate with the **CD recorder**, Click 'N Burn Pro can block access to the recorder while you're recording, just...

...card as the source. The recording happens in real time, so you'll need to **use 1X recording** speeds on your **CD recorder**. Unfortunately, many new CD-R/RW drives don't support 1X speeds any more. There...

...virtually all CD recorders (some software that ships with your drive works only with the **CD - recorder** model you've purchased). It supports all flavors of Windows from Windows 95 on up...drive supports that feature. The company throws a full copy of its CD Stomper Pro **labeling** system (**including** an applicator) into the bargain, though it's stingy with blank labels. Nero Burning ROM...

18/3,K/2 (Item 2 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2003 The Gale Group. All rts. reserv.

08064232 Supplier Number: 66888847 (USE FORMAT 7 FOR FULLTEXT)
CD Recordings Fast and Easy. (CD Recordings Fast and Easy - Stomp's Click 'N
Burn Pro's unique features, interface, and speed set it apart.)
Powell, James E.
WinMag.com, pNA
Nov 10, 2000
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 1195

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

...and a button to launch each: copy a CD, make a data CD, create an **audio** CD, and **record** live music (through your sound card). Even for

experienced users like myself, the interface removes...

...CD Text (such as song titles) to audio compilations, run a diagnostic test of your **CD recorder**, and build an exact CD image on your hard drive. It also provides access to...

...incorporate it. Because the program uses a custom-designed ASPI layer to communicate with the **CD recorder**, Click 'N Burn Pro can block access to the recorder while you're recording, just...

...card as the source. The recording happens in real time, so you'll need to **use 1X recording** speeds on your **CD recorder**. Unfortunately, many new CD-R/RW drives don't support 1X speeds any more. There...

...virtually all CD recorders (some software that ships with your drive works only with the **CD - recorder** model you've purchased). It supports all flavors of Windows from Windows 95 on up...drive supports that feature. The company throws a full copy of its CD Stomper Pro **labeling** system (**including** an applicator) into the bargain, though it's stingy with blank labels. Nero Burning ROM...

18/3,K/3 (Item 3 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)

(c) 2003 The Gale Group. All rts. reserv.

08055889 Supplier Number: 66809384 (USE FORMAT 7 FOR FULLTEXT)

(0) **CD Recordings Fast and Easy. (Software Review) (Evaluation)**

Powell, James E.

WinMag.com, pNA

Nov 8, 2000

Language: English Record Type: Fulltext Abstract

Article Type: Evaluation

Document Type: Magazine/Journal; Trade

Word Count: 1195

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

...and a button to launch each: copy a CD, make a data CD, create an **audio** CD, and **record** live music (through your sound card). Even for experienced users like myself, the interface removes...

...CD Text (such as song titles) to audio compilations, run a diagnostic test of your **CD recorder**, and build an exact CD image on your hard drive. It also provides access to...

...incorporate it. Because the program uses a custom-designed ASPI layer to communicate with the **CD recorder**, Click 'N Burn Pro can block access to the recorder while you're recording, just...

...card as the source. The recording happens in real time, so you'll need to **use 1X recording** speeds on your **CD recorder**. Unfortunately, many new CD-R/RW drives don't support 1X speeds any more. There...

...virtually all CD recorders (some software that ships with your drive works only with the **CD - recorder** model you've purchased). It supports all flavors of Windows from Windows 95 on up...drive supports that feature. The company throws a full copy of its CD Stomper Pro **labeling** system (**including** an applicator) into the bargain, though it's stingy with blank labels. Nero Burning ROM...

Search Report from Ginger R. DeMille

?

? t16/3,k/all

16/3,K/1 (Item 1 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

(c) 2003 European Patent Office. All rts. reserv.

00979675

METHOD AND SYSTEM FOR TRANSFERRING CONTENT INFORMATION AND SUPPLEMENTAL INFORMATION RELATING THERETO

VERFAHREN UND VORRICHTUNG ZUR UBERTRAGUNG VON INHALTSINFORMATION UND DARAUF BEZOGENER ZUSATZINFORMATION

PROCEDE ET SYSTEME PERMETTANT UN TRANSFERT D'INFORMATION DE CONTENU ET D'INFORMATION COMPLEMENTAIRE Y RELATIVE

PATENT ASSIGNEE:

Koninklijke Philips Electronics N.V., (200769), Groenewoudseweg 1, 5621 BA Eindhoven, (NL), (Proprietor designated states: all)

INVENTOR:

LINNARTZ, Johan, Paul, Marie, Gerard, Prof. Holstlaan 6, NL-5656 AA Eindhoven, (NL)

LEGAL REPRESENTATIVE:

Faessen, Louis Marie Hubertus et al (19891), INTERNATIONAAL OCTROOIBUREAU B.V., Prof. Holstlaan 6, 5656 AA Eindhoven, (NL)

PATENT (CC, No, Kind, Date): EP 906700 A2 990407 (Basic)
EP 906700 B1 020911
WO 98033325 980730

APPLICATION (CC, No, Date): EP 98900325 980122; WO 98IB87 980122

PRIORITY (CC, No, Date): EP 97200165 970127; EP 97201237 970425; EP 97201470 970515

DESIGNATED STATES: AT; DE; FR; GB; IT

INTERNATIONAL PATENT CLASS: H04N-007/50

NOTE:

No A-document published by EPO

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	200237	1408
CLAIMS B	(German)	200237	1278
CLAIMS B	(French)	200237	1673
SPEC B	(English)	200237	6210
Total word count - document A			0
Total word count - document B			10569
Total word count - documents A + B			10569

...SPECIFICATION ticket in the digital signal stream is modified every time that the signal passes a **record** or **playback device**. A cryptographic relation between the watermark and ticket is verified during each playback and each...

...of copy-control mark, a carrier pattern representing a medium mark identifying the medium (disc/ **tape** /etc), may be applied separately or may also be related to the same watermark. A...system concept, Ticket T in the stream is replaced by T' = F(T) during each **recording** or playback **operation**, whereby F is a publicly known cryptographic one-way function. That is, neither the player nor...

16/3,K/2 (Item 2 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

(c) 2003 European Patent Office. All rts. reserv.

00919457

Analog to digital converter and assembly to normalize servo error signals and multiplex reference voltage inputs and digital outputs and optical drive system in

Analog-Digital-Wandler und Anordnung zum Normieren von Servofehlernsignalen und zum Multiplexen von Referenzeingangsspannung und digitalen Ausgängen sowie optisc

Convertisseur analogique/numerique et dispositif pour normaliser des signaux d'erreur d'asservissement et pour multiplexer des tensions d'entree de reference et

PATENT ASSIGNEE:

DISCOVISION ASSOCIATES, (260273), 2355 Main Street Suite 200, Irvine, CA 92714, (US), (applicant designated states: AT;BE;CH;DE;ES;FR;GB;IE;IT;LI;NL;PT;SE)

INVENTOR:

Crupper, Randolph Scott, 308 Hihh Street, PO Box 731, Palmer Lake, Colorado 80133, (US)

Davis, Marvin Benjamin, 2813 Palmer Park Blvd., Colorado Springs, Colorado 80909, (US)

Getreuer, Kurt Walter, 115 Golden Hills Rd., Colorado Springs, Colorado 80919, (US)

Grassens, Leonardus Johannes, 19115 Pebble Beach Way, Monument, Colorado 80132, (US)

Lewis, David Earl, 14820 Spiritwood Loop, Black Forest, Colorado 80106, (US)

Schell, David Louis, 5307 Borrego Drive, Colorado Springs, Colorado 80918, (US)

LEGAL REPRESENTATIVE:

Bazzichelli, Alfredo et al (40161), c/o Societa Italiana Brevetti S.p.A. Piazza di Pietra, 39, 00186 Roma, (IT)

PATENT (CC, No, Kind, Date): EP 838811 A2 980429 (Basic)
EP 838811 A3 990414

APPLICATION (CC, No, Date): EP 97118094 960118;

PRIORITY (CC, No, Date): US 376882 950125

DESIGNATED STATES: AT; BE; CH; DE; ES; FR; GB; IE; IT; LI; NL; PT; SE

RELATED PARENT NUMBER(S) - PN (AN):

EP 726564 (EP 963003504)

INTERNATIONAL PATENT CLASS: G11B-007/09; G11B-011/10;

ABSTRACT WORD COUNT: 90

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	9818	4508
SPEC A	(English)	9818	88289
Total word count - document A			92797
Total word count - document B			0
Total word count - documents A + B			92797

...SPECIFICATION and full supply voltage, and the switch includes pass transistors. In the embodiment employing the **disc medium**, an amplifier is provided for evaluating a particular one of the sectors to determine whether...which the bias coil arm 1-97 can rotate. The bias coil clamps 1-100 **include** a stop ledge 1-350, Fig. 18, which terminates the upward travel of the cartridge...

16/3,K/3 (Item 3 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

(c) 2003 European Patent Office. All rts. reserv.

00788806

A printer and a composite cassette including a tape cassette and a ribbon cassette used in the printer

Drucker und zusammengesetzte Kassette fur diesen Drucker, bestehend aus Druckband- und Farbbandkassette

Imprimante et cassette composee incluant une cassette a bande et une cassette a ruban utilisee dans l'imprimante

PATENT ASSIGNEE:

BROTHER KOGYO KABUSHIKI KAISHA, (431485), No. 15-1, Naeshiro-cho, Mizuho-ku, Nagoya-shi, Aichi-ken 467, (JP), (applicant designated states: BE;CH;DE;FR;GB;LI)

INVENTOR:

Sugimoto, Kiyoshi, c/o Brother Kogyo KK, 15-1 Naeshiro-cho, Mizuho-ku, Nagoya-shi, Aichi-ken, (JP)

Yamaguchi, Koshiro, c/o Brother Kogyo KK, 15-1 Naeshiro-cho, Mizuho-ku, Nagoya-shi, Aichi-ken, (JP)

Sugiyama, Yutaka, c/o Brother Kogyo KK, 15-1 Naeshiro-cho, Mizuho-ku, Nagoya-shi, Aichi-ken, (JP)

LEGAL REPRESENTATIVE:

Prufer, Lutz H., Dipl.-Phys. et al (38295), PRUFER & PARTNER, Patentanwalte, Harthausen Strasse 25d, 81545 Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 734879 A2 961002 (Basic)

EP 734879 A3 970521

EP 734879 B1 990616

APPLICATION (CC, No, Date): EP 96104777 960326;

PRIORITY (CC, No, Date): JP 10006495 950329; JP 31003795 951101

DESIGNATED STATES: BE; CH; DE; FR; GB; LI

INTERNATIONAL PATENT CLASS: B41J-003/407; B41J-032/00;

ABSTRACT WORD COUNT: 117

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	9924	1320
CLAIMS B	(German)	9924	1229
CLAIMS B	(French)	9924	1469
SPEC B	(English)	9924	5014
Total word count - document A			0
Total word count - document B			9032
Total word count - documents A + B			9032

...ABSTRACT A2

A label printer for printing **tape** -shaped labels. The **label** printer **includes** a freely detachably mountable **tape** cassette housing a **tape** ; printing **device** including a print head for printing symbols and alphanumeric characters on the **tape** ; controller for controlling printing operations; a freely detachably mountable ribbon cassette independent from the **tape** cassette, the ribbon cassette housing an ink ribbon; detector for detecting a type of the ribbon cassette; and an operation portion for **operating** the detector , the **operation** portion being provided to the ribbon cassette in a configuration corresponding to the type of...

16/3,K/4 (Item 4 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

(c) 2003 European Patent Office. All rts. reserv.

00672629

Printing machine for strip-type labels
Druckmaschine mit bandförmigem Aufzeichnungsträger
Machine d'impression d'etiquettes en forme de bande
PATENT ASSIGNEE:

ESSELTE METO INTERNATIONAL GmbH, (221533), Westerwaldstrasse 3-13,
D-64636 Heppenheim, (DE), (applicant designated states: DE;FR;GB;IT)

INVENTOR:

Umbach, Dirk, Rheinstrasse 48, D-45525 Hattingen, (DE)
PATENT (CC, No, Kind, Date): EP 645311 A1 950329 (Basic)
EP 645311 B1 961227

APPLICATION (CC, No, Date): EP 94113779 940902;
PRIORITY (CC, No, Date): DE 4332610 930924
DESIGNATED STATES: DE; FR; GB; IT
INTERNATIONAL PATENT CLASS: B65C-011/02; B65C-011/00;
TRANSLATED ABSTRACT WORD COUNT: 130
ABSTRACT WORD COUNT: 108

LANGUAGE (Publication,Procedural,Application): German; German; German
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(German)	EPAB95	488
CLAIMS B	(English)	EPAB96	639
CLAIMS B	(German)	EPAB96	467
CLAIMS B	(French)	EPAB96	628
SPEC A	(German)	EPAB95	2373
SPEC B	(German)	EPAB96	2306
Total word count - document A			2862
Total word count - document B			4040
Total word count - documents A + B			6902

...CLAIMS B1

1. A printing apparatus with a **tape** -shaped **recording medium** (1) adapted to be fed through a printing zone (2) by means of a controllable driving mechanism, wherein the **recording medium** (1) carries labels for printing or is separable into sections of equal size, and **includes** reading **marks** in particular spaced from each other by the relative distance of the labels or sections...

...14, 15) for the labels or sections in particular for the reading marks on the **recording medium** (1), which **detecting** means operates to stop the driving mechanism of the **recording medium** (1) when the presence of a label or section, in particular a reading mark, is
...

16/3,K/5 (Item 5 from file: 348)

DIALOG(R) File 348:EUROPEAN PATENTS

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00395003

Procedure for setting up and keeping up-to-date data files for road traffic.

Verfahren zum Einrichten und zur Aktualisierung der Datei für den Strassenverkehr.

Procédure pour établir et tenir à jour des fichiers pour trafic routier.

PATENT ASSIGNEE:

Teleatlas International B.V., (1686140), Reitscheweg 7f, NL-5232 BX
's-Hertogenbosch, (NL), (applicant designated states:

AT;BE;CH;DE;DK;ES;FR;GB;GR;IT;LI;LU;NL;SE)

INVENTOR:

Search Report from Ginger R. DeMille

Poelstra, Theo Jogchum, Klokkengietershoeve 104, NL-7326 SC Apeldoorn, (NL)

LEGAL REPRESENTATIVE:

Morel, Christiaan F., Ir.Dr. (20771), Van Dusseldorp, Liesveld & Morel, Patent and Law Office, P.O. Box 10482, NL-7301 GL Apeldoorn, (NL)

PATENT (CC, No, Kind, Date): EP 377480 A2 900711 (Basic)
EP 377480 A3 911002
EP 377480 B1 931208

APPLICATION (CC, No, Date): EP 90200032 900104;

PRIORITY (CC, No, Date): US 295176 890106

DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FR; GB; GR; IT; LI; LU; NL; SE

INTERNATIONAL PATENT CLASS: G08G-001/0969; G01C-021/20; G01C-015/00;

ABSTRACT WORD COUNT: 303

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPBBF1	535
CLAIMS B	(German)	EPBBF1	527
CLAIMS B	(French)	EPBBF1	594
SPEC B	(English)	EPBBF1	5530
Total word count - document A			0
Total word count - document B			7186
Total word count - documents A + B			7186

...SPECIFICATION frequency radar which is capable of penetrating foliage in the survey area for generating a **signal** representative of a distance from the aircraft to the terrain surface. Also a precision altimeter aerial triangulation by tying in sequential images. The device, in combination with a **computer**, produces information in digital form and with unequivocal co-ordinate determination. F.i. distortion-free...
...for electronic recording of commercial available maps on audio tape for instance in order to **use these** tapes in cars or other places, by reproducing (parts of) these maps on a monitor...

16/3,K/6 (Item 1 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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00910207 **Image available**

CONTINUOUS PRODUCTION AND PACKAGING OF PERISHABLE GOODS IN LOW OXYGEN ENVIRONMENTS

PROCEDE DE PRODUCTION ET D'EMBALLAGE DE PRODUITS PERISSABLES DANS UNE ATMOSPHERE PAUVRE EN OXYGENE

Patent Applicant/Assignee:

SAFEFRESH TECHNOLOGIES LLC, 9772 S.E. 41st Street, Mercer Island, WA 98040, US, US (Residence), US (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

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ATKINSON Kevan J, 200 Badminton Road, Coalpit Heath, Bristol BS36 2ST, GB, GB (Residence), GB (Nationality), (Designated only for: US)

Legal Representative:

CRUZ Laura A (agent), Christensen O'Connor Johnson & Kindness PLLC, 1420 Fifth Avenue, Suite 2800, Seattle, WA 98101, US,

Patent and Priority Information (Country, Number, Date):

Search Report from Ginger R. DeMille

Patent: WO 200244026 A1 20020606 (WO 0244026)
Application: WO 2001US45146 20011128 (PCT/WO US0145146)
Priority Application: US 2000724287 20001128; US 2000255684 20001213; US
2001286688 20010426; US 2001291872 20010517; US 2001299240 20010618; US
2001312176 20010813; US 2001314109 20010821; US 2001323629 20010919; US
2001335760 20011019
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU
CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZM ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 197091

Fulltext Availability:
Claims

Claim

... Any gas that escapes from conduit 4958 can be automatically replaced
from a suitable source **attached** directly to conduit 4958 and wherein
the source of gas is controlled by suitable valves...

...hitechsystems.it). When the lidding material is pPVC, suitably, a
stiffening material, such as duct **tape** or the like, may be applied
laterally at the end of the first roll 4952...

16/3,K/7 (Item 2 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT
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00894303

NUCLEIC ACIDS, PROTEINS, AND ANTIBODIES
ACIDES NUCLEIQUES, PROTEINES ET ANTICORPS

Patent Applicant/Assignee:

HUMAN GENOME SCIENCES INC, 9410 Key West Avenue, Rockville, MD 20850, US,
US (Residence), US (Nationality), (For all designated states except:
US)

Patent Applicant/Inventor:

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Legal Representative:

WALES Michele M (et al) (agent), Human Genome Sciences, Inc., 9410 Key
West Avenue, Rockville, MD 20850, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200226930 A2 20020404 (WO 0226930)
Application: WO 2001US29838 20010925 (PCT/WO US0129838)
Priority Application: US 2000235484 20000926

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU
CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE
SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

Search Report from Ginger R. DeMille

(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 307140

Fulltext Availability:
Detailed Description

Detailed Description

... i @6 (5; 6@6 c;i (@i 4 %,6 g t;@ 6@6 466 CD 110 r@- N 1.0 cl, C% M
r@ r--4 Cf) "--4 CN @o...

16/3,K/8 . (Item 3 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00892941 **Image available**

71 HUMAN SECRETED PROTEINS

71 PROTEINES HUMAINES SECRETEES

Patent Applicant/Assignee:

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US (Residence), US (Nationality), (For all designated states except:
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Patent Applicant/Inventor:

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EBNER Reinhard, 9906 Shelburne Terrace #316, Gaithersburg, MD 20878, US,
US (Residence), DE (Nationality), (Designated only for: US)

Legal Representative:

HOOVER Kenley K (et al) (agent), Human Genome Sciences, Inc., 9410 Key
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Patent and Priority Information (Country, Number, Date):

Patent: WO 200226931 A2 20020404 (WO 0226931)

Application: WO 2001US29871 20010924 (PCT/WO US0129871)

Search Report from Ginger R. DeMille

Priority Application: US 2000234925 20000925; WO 2001US911 20010112
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU
CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE
SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 355828

Fulltext Availability:
Detailed Description

Detailed Description

... that it may be involved in non-nal prostate function, and may be a
diagnostic **marker** for prostate cancer. Alternately, expression of this
gene product in placenta indicates that it may...
...secreted protein can also be used to determine biological activity, to
raise antibodies, as tissue **markers**, to isolate cognate ligands or
receptors, to identify agents that modulate their interactions, and as...
Protein, as well as, antibodies directed against the protein may show
utility as a tumor **marker** and/or immunotherapy targets for the above
listed tissues.

FEATURES OF PROTEIN ENCODED BY GENE...

...comprise, or alternatively consists of, the following amino acid
sequence.

AAPHPPLLRLPLCLWCPLWPAWPLRGRPRSAWKRWPPPLVGPAPKLGCSMTTR
OPTAVSWPCWLMSSSLSTAACLAWTLTGSLAREATRARSLSPTWNC SARQV
PPSPPHSGLGRRGWACHLT CLLVTQLFRVGRIPHILSLPLVT (SEQ ID NO.

243). Polynucleotides encoding these polypeptides are also encompassed by
the invention. Moreover, fragments and...

16/3,K/9 (Item 4 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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00876811 **Image available**

SYSTEM, METHOD AND COMPUTER PROGRAM PRODUCT FOR DEVICE, OPERATING SYSTEM,
AND NETWORK TRANSPORT NEUTRAL SECURE INTERACTIVE MULTI-MEDIA MESSAGING
SYSTEME, PROCEDE ET PRODUIT PROGRAMME D'ORDINATEUR POUR APPAREIL, SYSTEME
D'EXPLOITATION ET MESSAGERIE MULTIMEDIA INTERACTIVE RESEAU, NEUTRE ET
SECURISEE

Patent Applicant/Assignee:

STORYMAIL INC, 15729 Los Gatos Boulevard, Los Gatos, CA 95032, US, US
(Residence), US (Nationality)

Inventor(s):

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SAXBY David B, 14946 Granite Court, Saratoga, CA 95070, US,

Legal Representative:

ANANIAN R Michael (et al) (agent), Flehr Hohbach Test Albritton & Herbert

Search Report from Ginger R. DeMille

LLP, 4 Embarcadero Center, Suite 3400, San Francisco, CA 94111-4187, US

Patent and Priority Information (Country, Number, Date):

Patent: WO 200210962 A1 20020207 (WO 0210962)
Application: WO 2001US23713 20010727 (PCT/WO US0123713)
Priority Application: US 2000627357 20000728; US 2000627358 20000728; US
2000627645 20000728; US 2000628205 20000728; US 2000706606 20001104; US
2000706609 20001104; US 2000706610 20001104; US 2000706611 20001104; US
2000706612 20001104; US 2000706613 20001104; US 2000706614 20001104; US
2000706615 20001104; US 2000706616 20001104; US 2000706617 20001104; US
2000706621 20001104; US 2000706661 20001104; US 2000706664 20001104; US
2001271455 20010225; US 2001912715 20010725; US 2001912936 20010725; US
2001912905 20010725; US 2001912773 20010725; US 2001912885 20010725; US
2001912860 20010725; US 2001912941 20010725; US 2001912901 20010725; US
2001912772 20010725

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU
CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD
SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 169299

Fulltext Availability:

Detailed Description

Detailed Description

... handshake the hash of Hello and Accept message

5

1,4.2 Format of a **Record**

In a preferred embodiment, all of the StoryMail data items that are transmitted (called records...the Resource Owner (server) has current access to a secret key associated with a key **identifier** . (42) The method in embodiment (41), wherein the secret key comprises a triple-DES.

A...128 bits. (67) The method in embodiment (62), wherein the Type field is used to **identify** that the object is a Certificate.

(68) The method in embodiment (62), wherein the version...story server 302, for example, is a general-purpose computer or device for generating and **transmitting** stories to client devices, such as conventional e-mail server 332, story enabled client 336...story enabled client 336, wherein the richer message will be available to the other client **device** . In one embodiment, conventional e-mail client 340 upgrades its capabilities to enable it to...

16/3,K/10 (Item 5 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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00848576 **Image available**

IMAGE SEQUENCE COMPRESSION FEATURING INDEPENDENTLY CODED REGIONS

**COMPRESSION DE SEQUENCES D'IMAGES REPRESENTANT DES ZONES CODEES
INDEPENDAMMENT**

Patent Applicant/Assignee:

Search Report from Ginger R. DeMille

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Legal Representative:

SCHUYLER Marc P (agent), Hewlett-Packard Company, Legal Department, 3403
E. Harmony Road, Fort Collins, CO 80528-9599, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200182217 A1 20011101 (WO 0182217)
Application: WO 2001US13781 20010425 (PCT/WO US0113781)
Priority Application: US 2000557797 20000425

Designated States: JP

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

Publication Language: English

Filing Language: English

Fulltext Word Count: 22398

Fulltext Availability:

Claims

Claim

... While

conventional systems operate on analog television
signals (e.g., while a digital video **disk** ("DVD") **player**
typically provides an analog television signal output),
it is expected that with the spread of...

...application of the present invention is to facilitate
video processing systems (such as VCRs and **disk players**)
which provide a processed or edited compressed output
signal in real-time. Another primary application...

...described below may be applied, including to
home entertainment systems (such as televisions, VCRs.
disk players , home routers or servers for video
signals), video recording (such as by networks, live
sporting...be provided in a
user manual, indicated on a label for a video disk or
tape , or via some other mechanism, and a specific map
for each frame would not be...

...selected,, or it can be used
initially identify an object, with image processing
software **operating** to automatically **track** the object's
movement through multiple frames and to select suitable
corresponding regions throughout those frames...The computer 133 receives
a video input from a
conventional video source, such as a **tape** source (video,
telecine, or other image source) 139, a **disk player** such
as a DVD player 141, or a satellite, cable or other feed
143. Sometimes...

...generated and compressed to a bit
stream format and is either stored (e.g., on **tape** , in
computer memory or on disk) or transmitted live (such as
by satellite or over...179
may decide to encode the data of interest in an
independent manner ((inverted exclamation **mark**).e., **encode** "P" frames

Search Report from Ginger R. DeMille

solely in an
independent manner or "B" frames in a unidirectional
manner).
As...

16/3,K/11 (Item 6 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00847235

ALBUMIN FUSION PROTEINS

PROTEINES HYBRIDES D'ALBUMINE

Patent Applicant/Assignee:

HUMAN GENOME SCIENCES INC, 9410 Key West Avenue, Rockville, MD 20850, US,
US (Residence), US (Nationality), (For all designated states except:
US)

Patent Applicant/Inventor:

ROSEN Craig A, 22400 Rolling Hill Lane, Laytonsville, MD 20882, US, US
(Residence), US (Nationality), (Designated only for: US)

HASELTINE William A, 3035 P. Street, N.W., Washington, DC 20007, US, US
(Residence), US (Nationality), (Designated only for: US)

Legal Representative:

GARRETT Arthur S (et al) (agent), Finnegan, Henderson, Farabow, Garrett &
Dunner LLP, 1300 I Street N.W., Washington, DC 20005-3315, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200179444 A2-A3 20011025 (WO 0179444)

Application: WO 2001US12013 20010412 (PCT/WO US0112013)

Priority Application: US 2000229358 20000412; US 2000199384 20000425; US
2000256931 20001221

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU
CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE
SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 164316

Fulltext Availability:

Detailed Description

Detailed Description

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Search Report from Ginger R. DeMille

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:2 JIZ
u...the brain) of the antibodies by modifications such as, for example,
lipidation.

Diagnosis and Imaging

Labeled antibodies and derivatives and analogs thereof that: bind a
Therapeutic protein (or fragment or variant...

16/3,K/12 (Item 7 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00832430

VIDEO MIRROR SYSTEMS INCORPORATING AN ACCESSORY MODULE
SYSTEME DE MIROIR VIDEO INTEGRANT UN MODULE ACCESSOIRE

Patent Applicant/Assignee:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200164481 A2-A3 20010907 (WO 0164481)

Application: WO 2001US6067 20010226 (PCT/WO US0106067)

Priority Application: US 2000186520 20000302; US 2000218336 20000714; US
2000234412 20000721; US 2000237077 20000930; US 2000238483 20001006; US
2000243986 20001027; US 2001263680 20010123

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ
DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG
SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 92782

Fulltext Availability:

Detailed Description

Detailed Description

... manner, the phone may be removed when the occupant exits the car for
normal remote use or may be docked for hands-free use.

Preferably, the interior rearview mirror assembly includes...routed to
the correct emergency agency for that location. Since each phone has a
unique identifier, GPS can identify a phone and, further, identify the

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location of that phone. For example...

16/3,K/13 (Item 8 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00823115

NUCLEIC ACIDS, PROTEINS, AND ANTIBODIES
ACIDES NUCLEIQUES, PROTEINES ET ANTICORPS

Patent Applicant/Assignee:

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US (Residence), US (Nationality), (For all designated states except:
US)

Patent Applicant/Inventor:

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(Residence), US (Nationality), (Designated only for: US)
BARASH Steven C, 111 Watkins Pond Blvd., #301, Rockville, MD 20850, US,
US (Residence), US (Nationality), (Designated only for: US)
RUBEN Steven M, 18528 Heritage Hills Drive, Olney, MD 20832, US, US
(Residence), US (Nationality), (Designated only for: US)

Legal Representative:

HOOVER Kenley K (et al) (agent), Human Genome Sciences, Inc., 9410 Key
West Avenue, Rockville, MD 20850, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200155447 A1 20010802 (WO 0155447)

Application: WO 2001US1330 20010117 (PCT/WO US0101330)

Priority Application: US 2000179065 20000131; US 2000180628 20000204; US
2000184664 20000224; US 2000186350 20000302; US 2000189874 20000316; US
2000190076 20000317; US 2000198123 20000418; US 2000205515 20000519; US
2000209467 20000607; US 2000214886 20000628; US 2000215135 20000630; US
2000216647 20000707; US 2000216880 20000707; US 2000217487 20000711; US
2000217496 20000711; US 2000218290 20000714; US 2000220963 20000726; US
2000220964 20000726; US 2000225757 20000814; US 2000225270 20000814; US
2000225447 20000814; US 2000225267 20000814; US 2000225758 20000814; US
2000225268 20000814; US 2000224518 20000814; US 2000224519 20000814; US
2000225759 20000814; US 2000225213 20000814; US 2000225266 20000814; US
2000225214 20000814; US 2000226279 20000818; US 2000226868 20000822; US
2000227182 20000822; US 2000226681 20000822; US 2000227009 20000823; US
2000228924 20000830; US 2000229344 20000901; US 2000229343 20000901; US
2000229287 20000901; US 2000229345 20000901; US 2000229513 20000905; US
2000229509 20000905; US 2000230438 20000906; US 2000230437 20000906; US
2000231413 20000908; US 2000232080 20000908; US 2000231414 20000908; US
2000231244 20000908; US 2000232081 20000908; US 2000231242 20000908; US
2000231243 20000908; US 2000231968 20000912; US 2000232401 20000914; US
2000232400 20000914; US 2000232397 20000914; US 2000233063 20000914; US
2000233064 20000914; US 2000233065 20000914; US 2000232398 20000914; US
2000232399 20000914; US 2000234274 20000921; US 2000234223 20000921; US
2000234997 20000925; US 2000234998 20000925; US 2000235484 20000926; US
2000235834 20000927; US 2000235836 20000927; US 2000236369 20000929; US
2000236327 20000929; US 2000236368 20000929; US 2000236367 20000929; US
2000236370 20000929; US 2000237037 20001002; US 2000236802 20001002; US
2000237039 20001002; US 2000237038 20001002; US 2000237040 20001002; US
2000239937 20001013; US 2000239935 20001013; US 2000241785 20001020; US
2000241809 20001020; US 2000240960 20001020; US 2000241787 20001020; US
2000241808 20001020; US 2000241221 20001020; US 2000241786 20001020; US
2000241826 20001020; US 2000244617 20001101; US 2000246474 20001108; US
2000246532 20001108; US 2000246476 20001108; US 2000246526 20001108; US
2000246475 20001108; US 2000246525 20001108; US 2000246528 20001108; US
2000246527 20001108; US 2000246477 20001108; US 2000246611 20001108; US
2000246610 20001108; US 2000246613 20001108; US 2000246609 20001108; US

Search Report from Ginger R. DeMille

2000246478 20001108; US 2000246524 20001108; US 2000246523 20001108; US
2000249299 20001117; US 2000249210 20001117; US 2000249216 20001117; US
2000249217 20001117; US 2000249211 20001117; US 2000249215 20001117; US
2000249218 20001117; US 2000249208 20001117; US 2000249213 20001117; US
2000249212 20001117; US 2000249207 20001117; US 2000249245 20001117; US
2000249244 20001117; US 2000249297 20001117; US 2000249214 20001117; US
2000249264 20001117; US 2000249209 20001117; US 2000249300 20001117; US
2000249265 20001117; US 2000250391 20001201; US 2000250160 20001201; US
2000256719 20001205; US 2000251030 20001205; US 2000251988 20001205; US
2000251479 20001206; US 2000251869 20001208; US 2000251856 20001208; US
2000251868 20001208; US 2000251990 20001208; US 2000251989 20001208; US
2000254097 20001211; US 2001259678 20010105

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ
DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG
SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 172486

Fulltext Availability:

Detailed Description

Detailed Description

... M m W) .tn kn tr@ kn 00 N 00 m
00 00 m m CD @ %,o C@ 00
co cq m N C-4 @t C) Nt CD U .tn...n M kn V) Ln tn
r@- 00 (ON C%4 N in g N CD CD C @D C) Ln CD @o kn
@o ON tn kr)
r'- N C...tn U U Q U 00 U CD C) C'4 C-,
kn C) < <@ 5 < CD CD
kn
c) 06 V-@ cf@ kr@
cq 06 C, Ucl, m 00 CD
tn o" kn CD
Cq
,o C@ @,o 00 CD
r C,, o*, kr) C) < 00
,C CD
c kn C@, Cq kn CD v)
@o C-q WI
@o :d- ON V...CDN in cm:> C'o CD N @o
Zc tn W) 'Mr, cq
WO) 8 , CD C)
8 6 N C'@ CP "S
co:)
U C:@ CD r- CD CD r...I l=1 00
. r- @ 00 -C) 00 t-- 00 00 00 in
r-@ r-: CD M <@ -, :t In (= r@ 00 -'Zl- "t -'Zt
N CD M co "I r) 4...C) C> CD CD C) C) CD C) "@J. M CD C) CD (= CD (m CD
C:> 't- C:)0 (= C) (O C> (= 5 C) CD (= :i C) (= C) (= C) C...

16/3,K/14 (Item 9 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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00814145

**A METHOD FOR EXECUTING A NETWORK-BASED CREDIT APPLICATION PROCESS,
PROCEDE DE MISE EN OEUVRE D'UN PROCESSUS DE DEMANDE DE CREDIT EN RESEAU**

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200146889 A2 20010628 (WO 0146889)

Application: WO 2000US35216 20001222 (PCT/WO US0035216)

Priority Application: US 99470805 19991222; US 99469525 19991222; US
99470039 19991222

Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK DM DZ

EE ES FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU

LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT

UA UG UZ VN YU ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 98671

Fulltext Availability:

Detailed Description

Detailed Description

... seller in operation 1510. Such response of the seller is forwarded to
the buyer in **operation** 1512.

hi one embodiment, the agreement between the buyer and the seller may
include payment...

...form. As an option, the identity may be authenticated by requiring the
submission of an **identifier** and a password.

In another embodiment, the seller may be requested to become a registered

...

16/3,K/15 (Item 10 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00806382

**METHOD FOR AFFORDING A MARKET SPACE INTERFACE BETWEEN A PLURALITY OF
MANUFACTURERS AND SERVICE PROVIDERS AND INSTALLATION MANAGEMENT VIA A
MARKET SPACE INTERFACE**

**PROCEDE DE MISE A DISPOSITION D'UNE INTERFACE D'ESPACE DE MARCHE ENTRE UNE
PLURALITE DE FABRICANTS ET DES FOURNISSEURS DE SERVICES ET GESTION
D'UNE INSTALLATION VIA UNE INTERFACE D'ESPACE DE MARCHE**

Patent Applicant/Assignee:

Search Report from Ginger R. DeMille

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200139028 A2 20010531 (WO 0139028)

Application: WO 2000US32308 20001122 (PCT/WO US0032308)

Priority Application: US 99444773 19991122; US 99444798 19991122

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ

DE DK DM DZ EE ES FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK

LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK

SL TJ TM TR TT TZ UA UG UZ VN YU ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 170977

Fulltext Availability:

Detailed Description

Detailed Description

... field of the 32-word call record if the AuthCode filed is not used to
record other

88

information. In this case, the Originating Switch IID is the NCS Switch
ID...need. These characteristics, still in use today, include.

A common addressing scheme that allows any **device** running TCP/IP to
uniquely address any other device on the Internet.
Open protocol standards...

16/3,K/16 (Item 11 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00802534

ANY-TO-ANY COMPONENT COMPUTING SYSTEM

SYSTEME INFORMATIQUE A COMPOSANTS TOUTE CATEGORIE

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200135216 A2-A3 20010517 (WO 0135216)

Application: WO 2000US31231 20001113 (PCT/WO US0031231)

Priority Application: US 99164884 19991112

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Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ
DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG
SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 275671

Fulltext Availability:

Claims

Claim

... each data component in the dictionary forms a row, which is referred to as a "**record** ." To enable a numbers-based identification convention, each Data Class is assigned a number. For...distinguish their content from 'code' as the word is normally used, where actual code, plus **labels** , prompts etc are all assembled in one lump and collectively termed 'code'. Each field of...

...the actual lines of code needed to perform the transformation, and does not contain the **Labels** , Prompts, Error messages etc that are commonly included in normal code. An entry of the...

...display location, another defining a color, another defining a condition for the field, another defining **labels** for the field, another defining a "help" display for the field, and so forth. A single code **record** may use multiple sets of such correlated records, depending on the particular user performing the action invoking the code record. For example, if **labels** and other display items are stored directly, (i.e., as text rather than in NCL...

...many different types of records, such as data records, condition records, code records, prompt records, **label** records, help records, and so forth. These records may be correlated using the field parallel...to FIG. 10. Routine 116 is followed by step 118, in which 5 the NCL **record** /s representing the converted command are passed to step 118 and the order execution system...This structured command is usually in the form of an interface Active Element that is **labeled** with the name of a Module (such as 'E-Mail' and activates the module concerned...

...structural setup of the database for this particular application is that of a modified semantic **network** . Although the database need not be implemented as a modified semantic **network** , it may be advantageous to structure it as such because the modified semantic **network** structure provides data representation flexibility, eliminates the wastage and bloat of flat tables, efficiently supports...

...Language) Table 300 containing some of the various Concepts of the database. This table is **labeled** Table #1 and simply lists all Data Relation Table Concepts 302 that are known to...

...including record types) by Tables, and not the physical layout of a particular Table. The **key** difference in the present invention is that the Concepts are defined as part of the...Both the forward pointers and backward pointers serve as

Search Report from Ginger R. DeMille

the links in the semantic **network** . Note that these links include the Concept designating the relationship type covering the link, and...

...concept number in NCL Table 300, the second number is the type identification number (type **id** number, i.e., the logical table number, which is also a Concept number in NCL...

...is the record number in the physical table used by the Concept that the type **id** number references. The three-part references embody a representation for the most basic of structural relationships, as "uses/is-used-by" link in the semantic **network** . So, in relation to the forward and backward pointer sequences of NCL Table 300, the...

...is an illustration of a Translation Table 330 of the present invention. This table is **labeled** Table #2. Translation Table 330 contains the NCL translation of the concepts into the Natural...

...in Table #1 (NCL Table 300). 0 According to Translation Table 330 in FIG. 13, **record** #23 is the 'Time' Category. in other structure and implementation of the database are completely...a DRT Record class which has a type# + record# Reference is defined as a persistent **identifier** for the DRT Record, and which stores a sparse map of **key** + value pairs of the fields and values actually used, where the **key** for the map is a NCL Concept Number denoting the conceptual Field for the value...

...internal language (language zero, representing NCL itself). Similarly, the concept number used as a field **label** is exchanged for the name of the concept in the internal language (language zero, 5...

...There may be several other record subtypes associated with a particular record or Concept, including **Label** , Prompt, Default View, Query, Help, and so on. In this particular embodiment, these record subtypes...

...Fields forward reference sequence field 360 references the fields in the String Table as the **labels** that are associated with the particular data record. For convenience, the Data Relation Table-LPQH 350 may also have a User Number forward reference field (not shown) to '**mark**' it as preferred by a specific User, as well as other administrative fields, as desired...

...Dear Sir"), another Data Record Type (concept) for a text assembly (described below), a specific **Signature** record (also a text assembly), and a data record for a digitized **signature** . This would effectively define a template type for a Form Letter. The Data Record Type...a 'dependency trailer' that is merely a sequence or list of the Concept number, type **ID** number and record number of the record number field in the table for which it...

...all values referenced by the data item. The collection of dependency relationships comprises the semantic **network** for the database, and provides direct access paths precisely equivalent to indexing every field in...

...Table 300, which indicates how the particular data value is used, i.e. the type **id** , and also designates the physical table used by that particular logical table number. The third...

...represents the record number in the physical table used by the logical table number (type **id**) designated by the second number reference. Note that the Data Class String Table 380 may...410 and 440 where they overlap one another. Uttering further words "NEW YORK" 422 and "**CLIENT** " 432,

Search Report from Ginger R. DeMille

and thereby transmitting their related concepts 420 and 430, further continues the reduction process...

- ...immaterial to the meaning of further words that are supplied afterwards). Thus "My New York **Client** friends" specifies exactly the same thing as "my clienf friends in New York, -or "friends, New York, **client** , my" - which is the reverse order of the original phrase. When a user wishes to...
- ...an action is to be performed, for example send an email to 'my New York **Client** ,'the specification 'My New York **Client** 'will be supplied as a query to the Data Relation Table in the form of...
- ...will contain an NCL entry stating that the quantity is to be one. The term '**client** ' contains the concept of a quantity of 1 and this will appear in the NCL translation for the term '**client** .' When the Find is run, if more than one person exists meeting the specification supplied...
- ...to cover more conceptual ground such as 'large', 'furry', and 'omnivorous.' This mechanism enables a **computer** to Return Nearest Truth, a term applied to the mechanisms that emulate the human practice ...
- ...required (using existing Boolean operators) to apply the Co-Reducing Concept principle to any existing **Internet** search engine with dramatic results. When excessive matches to a user's search are obtained...
- ...Boolean operators, or of how to construct complex advanced searches. Similarly, further improvement to existing **Internet** Search Engines can be obtained by classif ing whatever data their databases already contain (as...M; 0217-02 BAN -MM@M 0
Save(tore) Hard Disk
Floppy
ZpDrive
J I **Tape**
the time of any action. Failure to do so will result in the computer failing...designation of a particular Data Class to a Data Relation table Field, or to the **recording** and query logic is a question of optimization for the individual application. The Concept Language...omits the actions of operator words 'in' 'to', as Operator
) Image Concept Language is a **key** enablement for a robot to act on human instructions
The teachings of this Any-to...
- ...relates these to one another for each object, or event. Consequently, Concept Language is the **key** element enabling a computer 5 to manipulate images and movements based on a user's...
- ...be related to images through the intermediate stage of sufficiently precise, a computer provided with **visual** imaging equipment can continually run the physical specifications of perceived images against the Data Relation...
- ...Image Concept Language. A Concept Language that relates Concept Symbols to sounds is termed an **Audio** Concept Language. A Concept Language that relates Concept Symbols to spoken Words, Sounds and Images...Meaning Words, and those that are left are generally Operator Words. It is advisable to **mark** each meaning word found with the Data category to which it applies. A typical numbering...future, to stop the printing that is

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occurring now. The form of 'stop' that Grammar **labels** as 'future tense' is actually a future Time viewed from the point of view of...

...future, finds itself

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with two 'present time' senses of the word 'stop', and hence **labels** one of them 'present continuous'. 45) Viewpoints of Time expressed in coding of Words of...it is given data to record - as data where the only action required is to **record** the given data, the computer will be unable to answer questions on that data if...s statement to be considered complete. When a statement is not executable the software can **detect** why it is not executable.. 0 Again, human behavior, when encountering an order that can ...

...corrective action. Note that the computer can not take any corrective action until it can **detect** 5 the exact nature of the error - and that involves detecting when a statement is...database, and in that case, are marked by a separate field as being a Data **Record** or a 'Condition Record.)

51) Enabling Human Query Procedure. Base Concepts Assigned Concept Hierarchies
The...

...Concept [invite] a Concept Hierarchy - do & ask &
invite - based on the word definition,

2) Specially **mark** all words that have a Base Concept to show they have a
Base Concept, with...City

145

New York State

USA

291118

Separating this block of data that is collectively **labeled** an 'address' into its component parts:

Mr. A Greeting, and not necessarily

y the only...

...Language, the types of data and the kinds of word that, when used together, are **labeled** 'an address' are correctly assigned to

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correct Data Categories and handled accordingly to the...not be found. In effect all locations are 'Time Now'. Often the only way to **mark** an address as 'old' is to delete it. If that is done - since the address... column of map references has the heading 'Street Address'. Clearly the way the data is **labeled** needs to change depending on the type of Data that is being displayed.

154

The for a particular type of data, and the requirement to re- **label** the data as described above poses certain restrictions on the associated software:

1) If a...

...less desirable - few people know the physical location of their service provider's e-mail **server**. Mobile telephones do not have a fixed location. In fact such devices are better selected...but the two meanings could equally well be represented by an electronic signal or an **audio** signal, or a different length or format of light pulse, or a light pulse

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and...data parts is stored in a computer as outlined above, any item that might be **stored** a computer can be created by assembling different combinations of different Component parts. The principle...data that actually is related, cannot be easily seen nor can be relationship be easily **detected**, nor can the relationship be used easily. 'Object' programming in the state 0 of the...

...followed, and data is broken down into its Components, it now becomes theoretically possible to **use** or relate any one datum occurrence 1 of the reference number in a letter - to...Then the Any-to-Any machine has a further method that enables a computer to **use** the recorded assembly plan to assemble the 'letter' on demand. Because these methods enable assembly...

16/3,K/17 (Item 12 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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00456834 **Image available**

A SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR SWITCHED TELEPHONY COMMUNICATION

SYSTEME PROCEDE ET ARTICLE CONCU POUR LES COMMUNICATIONS TELEPHONIQUES PAR RESEAU COMMUTE

Patent Applicant/Assignee:

MCI WORLDCOM INC,

Inventor(s):

ZEY David A,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9847298 A2 19981022

Application: WO 98US7927 19980415 (PCT/WO US9807927)

Priority Application: US 97835789 19970415; US 97834320 19970415

Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW GH GM KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 156638

Fulltext Availability:

Detailed Description

Detailed Description

... common addressing scheme that allows any device running TCP/IP to uniquely address any other **device** on the Internet.

Open protocol standards, freely available and developed independently of any hardware or...

...place, the microphone captures analog signals, and the signals are transmitted to the Local Exchange **Carrier** (LEC) Central Office (CO) in analog form over an analog loop. The analog signal is...

...analog signals are converted to digital at the device and transmitted to the LEC as **digital** information.

Upon connection, the circuit guarantees that the samples can be delivered and reproduced by...call is

Search Report from Ginger R. DeMille

performed by the DAP 240 translating the transaction information into a specific Switch ID (SWID) and a specific Terminating Trunk Group (TTG) that corresponds to the route out of...3 destination.

Like a router, each of the network interfaces in the switch 221 is labeled with a subnet address. Internet Protocol (IP) addresses contain the subnet address on which the...

16/3,K/18 (Item 13 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00443927

A COMMUNICATION SYSTEM ARCHITECTURE
ARCHITECTURE D'UN SYSTEME DE COMMUNICATION

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STELLE Rick,
SCHRAGE Bruce,
BAXTER Craig A,
ATKINSON Wesley,
KNOSTMAN Chuck,
CHEN Bing,
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OREBAUGH Shannon R,
ELLIOTT Isaac K,
STELLE Rick,
SCHRAGE Bruce,
BAXTER Craig A,
ATKINSON Wesley,
KNOSTMAN Chuck,
CHEN Bing,
VANDERSLUIS Kristan,
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Patent and Priority Information (Country, Number, Date):

Patent: WO 9834391 A2 19980806

Application: WO 98US1868 19980203 (PCT/WO US9801868)

Priority Application: US 97794555 19970203; US 97794114 19970203; US
97794689 19970203; US 97807130 19970210; US 97798208 19970210; US
97795270 19970210; US 97797964 19970210; US 97800243 19970210; US
97798350 19970210; US 97797445 19970210; US 97797360 19970210

Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES
FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD
MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US
UZ VN YU ZW GH GM KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE
CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML
MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 156226

Fulltext Availability:

Detailed Description

Detailed Description

... a subnet to use to reach a particular destination.

Like a router, each of the **network** interfaces in the switch 221 is **labeled** with a subnet address. **Internet** Protocol (IP) addresses contain the subnet address on which the computer is located. PSTN addresses...

16/3,K/19 (Item 14 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00418748 **Image available**

SYSTEMS AND METHODS FOR SECURE TRANSACTION MANAGEMENT AND ELECTRONIC RIGHTS PROTECTION

SYSTEMES ET PROCEDES DE GESTION DE TRANSACTIONS SECURISEES ET DE PROTECTION DE DROITS ELECTRONIQUES

Patent Applicant/Assignee:

INTERTRUST TECHNOLOGIES CORP,

Inventor(s):

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SIBERT W Olin,
SPAHN Francis J,
VAN WIE David M,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9809209 A1 19980305

Application: WO 97US15243 19970829 (PCT/WO US9715243)

Priority Application: US 96706206 19960830

Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES

FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN

MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW

GH KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH DE DK ES FI

FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG

Publication Language: English

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Fulltext Availability:

Detailed Description

Detailed Description

... Central

location and permitting a higher degree of code reuse. All load modules 1100 for **use** by SPE 503 are preferably referenced by a

- 354

load module execution manager 568 that...

16/3,K/20 (Item 15 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00344642

SYSTEMS AND METHODS FOR SECURE TRANSACTION MANAGEMENT AND ELECTRONIC RIGHTS PROTECTION

SYSTEMES ET PROCEDES DE GESTION SECURISEE DE TRANSACTIONS ET DE PROTECTION ELECTRONIQUE DES DROITS

Search Report from Ginger R. DeMille

Patent Applicant/Assignee:

ELECTRONIC PUBLISHING RESOURCES INC,

Inventor(s):

GINTER Karl L,
SHEAR Victor H,
SPAHN Francis J,
VAN WIE David M,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9627155 A2 19960906

Application: WO 96US2303 19960213 (PCT/WO US9602303)

Priority Application: US 95388107 19950213

Designated States: AL AM AT AU AZ BB BG BR BY CA CH CN CZ DE DK EE ES FI GB

GE HU IS JP KE KG KP KR KZ LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL

PT RO RU SD SE SG SI SK TJ TM TR TT UA UG UZ VN KE LS MW SD SZ UG AZ BY

KG KZ RU TJ TM AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE BF BJ CF

CG CI CM GA GN ML MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 207972

Fulltext Availability:

Detailed Description

Detailed Description

... into subservices, i.e., individual instances of a specific service each of which may be **tracked** individually by the RPC manager 732. This mechanism permits multiple instances of a specific service...be considered part of user AN 682); and

Communications Manager 776 provides services relating to **communicating** with the outside world.,

- 277

In the preferred embodiment, communications manager 776 may include a...

16/3,K/21 (Item 16 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00268269

ENHANCING OPERATIONS OF VIDEO TAPE CASSETTE PLAYERS

PERFECTIONNEMENT DU FONCTIONNEMENT DE LECTEURS DE CASSETTE VIDEO

Patent Applicant/Assignee:

YUEN Henry C,
KWOH Daniel S,
MANKOVITZ Roy J,
HINDMAN Carl,
NGAI Hing Y,

Inventor(s):

YUEN Henry C,
KWOH Daniel S,
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NGAI Hing Y,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9416441 A1 19940721

Application: WO 94US173 19940105 (PCT/WO US9400173)

Priority Application: US 931125 19930105; US 9314541 19930208

Designated States: AT AU BB BG BR BY CA CH CN CZ DE DK ES FI GB HU JP KP KR

KZ LK LU MG MN MW NL NO NZ PL PT RO RU SD SE SK UA US VN AT BE CH DE DK

ES FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD

Search Report from Ginger R. DeMille

TG

Publication Language: English

Fulltext Word Count: 76305

Fulltext Availability:

Claims

Claim

... program number and the second identifying information includes a tape identification number.

99 The video **tape** of claim 95 wherein the first identifying information includes a directory of a portion of the information in the video frames. 100. The video **tape** of claim 95 wherein the first identifying information is an absolute address and the second identifying information is a **tape** identification number. 101. The video **tape** of claim 95 wherein the second identifying information **includes** an address **identifier** of the location of the **tape**. 102. A method for processing auxiliary information broadcasted as a video signal, the auxiliary information...The method of claim 103 further comprising the step of recording the information on a **recording medium**. 110. The method of claim 104 wherein the video picture is a video magazine and not match, disabling the **playing** of a **tape**, **recording** of show and reception of tv program, ignoring commands from remote controller except password; continuing...

...of claim 121 wherein the program category is read from the VBI of a prerecorded **tape**. 123. The method of claim 121 wherein the TID is selected as being restricted. 124...

...VCR to a second VCR comprising the steps of
reading an identification code from a **tape** inserted in the first VCR;
retrieving the corresponding directory from a memory in the first VCR;
writing the directory at a predetermined location on the **tape**, in response to a
user selected command;
inserting the **tape** into the second VCR;
SUBSTITUTE SHEET (RULE 26)
reading the directory from the **tape** in response to a second user selected
command; and
storing the directory in a memory...

...VCR. 131. The method of 130 wherein the predetermined location is an end of the **tape**, and further including the step of advancing the **tape** to the end of the **tape** before writing. 132. The method of 130 further including the steps of:
searching the **tape** for an identification number;
if one is not found, requesting the user to identify said **tape**;
advancing the **tape** to the end of the **tape** in response to a user identified **tape** of
a first type; and
reading the directory from the **tape**.
133. The method of T further including the steps of:
receiving an eject command;
determining if the directory has been changed while the **tape** was in the second
vcr;
if it has been changed, writing the new directory on the **tape**; and
ejecting the **tape**. 134. A method for advancing a **tape** to a user

Search Report from Ginger R. DeMille

selected program, the **tape** having a plurality of programs recorded thereon, a marker in the control track at the beginning of each program, and a plurality of address marks spaced apart on the **tape** for identifying the position of the

tape, the method comprising the steps of:

- (a) detecting an address mark;
- (b) determining the current address of the **tape** from the detected address mark;
- (c) receiving a user selected program request;
- (d) retrieving from...

...control track markers into a countdown register;

- (g) moving, at speeds faster than the normal **tape** play speed, the **tape** towards the destination address;
- (h) monitoring the control track for markers;
- (i) decreasing the number...

...marker;

- (j) when the number in the counter is not greater than zero, moving the **tape** at play speed;

SUBSTITUTE SHEET (RULE 26)

- (k) detecting the address mark on the **tape**;
- (l) upon detection, reading the address mark;
- (m) comparing the address mark with the destination address;
- (n) if not equal repeating steps (e)-(m)
- (o) if equal, stopping the **tape**. 135. A method for advancing a **tape** to a user selected program, the **tape** having a plurality of programs recorded thereon, a marker in the control track at the beginning of each program, and a plurality of program number packets spaced apart on the **tape** for identifying the number of the program of the **tape**, the method comprising the steps of
 - (a) detecting a program number packet to determine the current program number of the **tape**;
 - (b) receiving a user selected program request;
 - (c) determining the destination program number of the...

...of control track markers into a countdown register;

- moving, at speeds faster than the normal **tape** play speed, the **tape** towards the destination address;
- (g) monitoring the control track for markers;
- (h) decreasing the number...

...monitored marker; and

- (j) when the number in the countdown register is zero, stopping the **tape**. 136. The method of claim 135 where the step of stopping the **tape** includes:
 - reading the program number on the **tape**;
 - comparing the read program number with the destination program number;
 - and if not equal, repeating steps (d)-(i), otherwise stopping the **tape**.
- 137. The method of claim 135 where the control track markers are VISS marks.
- 138. A method for advancing a **tape** to a user selected program, the **tape** having a plurality of programs recorded thereon, a marker in the control track at the beginning of each program, and a plurality of program number packets spaced apart on the **tape** for identifying the number of the program of the **tape**, the method comprising the steps of
 - (a) receiving a user selected program request;
 - (b) reading...26)
 - (d) detecting a program number packet to determine the current program

number of the **tape** ;
(e) determining the current address of the **tape** from the detected address
mark;
moving, at a first speed faster than the **tape** play speed, the **tape**
towards
the destination address;
(g) monitoring the address of the **tape** during the movement;
(h) comparing the monitored address to the destination address;
O) when there is a match, moving, at a second speed faster than the **tape**
play speed, the **tape** towards the destination address, the second speed
being less than the first speed;
O) monitoring...

...the destination program
number;
(m) if there is a match, stopping the movement of the **tape** ; and
(n) if there is not a match, repeating steps (d) - (m). 139. The method
...

...claim 138 where control track markers are VISS marks. 140. A method for
identifying a **tape** comprising the steps of
detecting a first user selected command;
reading a counter in response...

...to
provide a second identifier; and
combining the first and second identifiers to form a **tape**
identification number. 141. The method of claim 140 wherein the first and
second user selected...

...program guide for storing information related to a plurality of
broadcasted programs comprising:
(a) a **recording medium** having a plurality of video frames;
(b) a plurality of video chapters recorded on a...VM data packets; (b)
recording a VISS mark on a control track of the video **tape** in response
to the detected VM data packet;
(c) incrementing a program number in response...

...directory information, and the program
number on a plurality of video frames of the video **tape** ; and
(e) repeating steps (a)-(d) for each video program.
144. An electronic TV guide...

...location of the video clip for the program listed in the highlighted
cell. 148. A **tape** recording of an electronic TV guide with video clips
comprising: a list of programs broadcasted...

...the form of a grid recorded in repeating frames on the video track of
the **tape** at selected intervals;
a plurality of full motion picture video clips;
single video clips associated...

...of the video picture of the list of programs on the video track. 149.
The **tape** of claim 148 wherein the information on the VBI comprises a
cursor for highlighting a listed program. 150. The **tape** of claim 149
wherein the information in the VBI comprises the address on the **tape** of
the video clip associated with the highlighted program. 151. The **tape**
of claim 149 wherein the information in the VBI comprises a code
associated with the...

...a VCR for recording the highlighted program.

SUBSTITUTE SHEET (RULE 26)

ENELALNCING OPERATIONS OF VEDEO **TAPE CASSETTE PLAYERS**

Abstract of the Disclosure

Operation of a video cassette player is facilitated by providing a... provided with a VBI encoder for inserting control as well as directory information into the **tape**, either in the VBI portions of the video track or in the control track.

SUBSTITUTE...

16/3,K/22 (Item 17 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00227346

**AUDIO RECORD CARRIER AND PLAYERS FOR PLAYING SAID RECORD CARRIER
SUPPORT D'ENREGISTREMENTS SONORES ET LECTEURS ASSOCIES**

Patent Applicant/Assignee:

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Inventor(s):

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Patent and Priority Information (Country, Number, Date):

Patent: WO 9301593 A1 19930121

Application: WO 92NL108 19920622 (PCT/WO NL9200108)

Priority Application: AT 291111228 19910705

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SD US AT BE CH DE DK ES FR GB GR IT LU MC NL SE BF BJ CF CG CI CM GA GN.
ML MR SN TD TG

Publication Language: English

Fulltext Word Count: 5067

English Abstract

The application discloses to a **record carrier** (41) on which addressable information has been recorded. The information comprises at least one audio...

...start location of the said audio part (AP1). According to the invention the prepart (PP1*) **includes** additional information (**ID**) located before the pause information. The application also discloses an **audio player** for playing the **record carrier**. This **player** is provided with a read unit (42) for reading information from the **record carrier** (41), a search unit (44) for performing track jumps under control of a control unit...

...cause a read out of the table of contents prior to the start of the **playing** of the audio **tracks**, to select on the basis of the table of contents a part of the information...

16/3,K/23 (Item 18 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00156314

SIGNAL PROCESSING APPARATUS AND METHODS

DISPOSITIF ET PROCEDES DE TRAITEMENT DE SIGNAUX

Patent Applicant/Assignee:

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Inventor(s):

HARVEY John C,

CUDDIHY James W,

Patent and Priority Information (Country, Number, Date):

Patent: WO 8902682 A1 19890323

Application: WO 88US3000 19880908 (PCT/WO US8803000)

Priority Application: US 8796 19870911

Designated States: AT AU BE BJ BR CF CG CH CM DE DK FI FR GA GB HU IT JP
KP LK LU MC MG ML MR MW NL NO RO SE SN SU TD TG

Publication Language: English

Fulltext Word Count: 161690

Fulltext Availability:

Claims

Claim

... A method of generating computer output at a multiplicity of receiver stations each of which **includes** a computer adapted to generate and transmit user specific output information content and user specific...and over what channels. Then, in accordance with the schedule, 35 it actuates @preloaded viaeo **tape** , **disc** or film **players** and transmits the programming transmissions from these players to the designated cable channels by means...or data on magnetic, optical or other recording media and for retransmitting-prerecorded programming. Video **tape** recorders have capacity for 20 automatic delayed recording of television transmissions on the basis of...

...and decryptors, many different systems exist, at present, that enable programming suppliers to restrict the **use** of **transmitted** programming to only duly authorized subscribers. The prior art includes so-called 10 "addressable" systems...Greenberg 20 distinguish TV advertisements by means of single purpose signals, television receivers and video **tape** recorders can include capacity for identifying said signals and suppressing the associated advertisements. Accordingly, no...in a 35 fashion well known in the art, on an appropriate conventional qrso video, **audio** or other **record** media. Playing back said media on appropriate player apparatus will cause said apparatus to retransmit...

...precisely as they were embedded when said transmissions were 5 recorded.

SPAM signals can be **embedded** in many different locations in electronic transmissions. In television, SPAM signals can be embedded in...

...other

SPAM functioning.

(Hereinafter, the preferred normal location for transmitting signals in any given communication **medium** is called,, the "normal transmission location".)

In the preferred embodiment, while receiver station

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decoder ...for transferring information to one or more input buffers of microcomputer. 205, SPAM controller, 205C, **operates** independently of said CPU although 25 said CPU has capacity to interrupt SPAM-controller, 205C...

...to the Fig. 1C combining of "One Combined Medium,"

The first focuses on the basic **operation** ,, in "One Combined Medium," of decoder, 203; SPAM-controller, 205C; and microcomputer, 205, No...agencies (such as the As C. Nielsen Company) that collect

statistics on viewership and programming **usage** .

The fourth example provides a second illustration of restricting the combining of Fig. 1C to selected subscriber 25 stations through the **use** of encryption/decryption techniques and metering. In addition, the fourth example shows how monitor information...the

20 preprogrammed fashions of said apparatus.

- At the outset of each example, particular meter **record** information of prior programming exists at a particular location at buffer/comparator, 14, of signal...14A.

Receiving said 1st monitor information (#3) causes onboard controller, 14A, to record the source **mark**

15 information in said

1st information at particular sourcemark-@14A register memory; to record at...39F.)

Automatically, said instructions cause onboard controllerf

14A. to compare the information at said source- **mark** -@14A

memory, in a predetermined fashion, with particular pre

30 entered source-identification **mark** information that onboard

controller, 14A, retains in memory associated with its

pre-entered signal records of monitor information. A match

results with that particular decoder-203 source **mark**

information that is associated with the aforementioned record

35 of the prior programming displayed at...

...at

the monitor record location of said monitor record of prior programming except the source **mark** information associated with said record; to record information of said first named instance of "program...of the last received

instances of monitor information of the particular program unit and source **mark** .

20 OPERATING So Pe SYSTEMS see EXAMPLE #3 (SECOND MESSAGE)

Subsequently, the embedded information of...conditional-overlay-at-205

instructions cause control processor, 39J, to receive and

process the length **token** information in said second message.

Automatically, control processor, 39J, recommences accepting

25 additional SPAM signal...

...of signal words that

30 can contain one instance of header, execution segment, and length **token** information; then ceases accepting SPAM signal information from EOFs valve, 39F. Under control of the same

preprogrammed instructions that controlled the processing of

the length **token** of the first message, control processor,

35 39J, processes the length **token** of the second message in the /041

S41IM" fashion that applied to the first message but with one exception. Control processor, 39J, determines that the

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length **token** of said second message matches X- **token** information, when compared with **token** -comparison information, 5 rather than Y- **token** information (which was the information matched by the length **token** information of the second message of. example #2). Said match causes control processor, 39J. to...the aforementioned source@identification information. A match results with the aforementioned 10 decoder-203 source **mark** information, Said match causes onboard controller, 14A, to locate the instance of "program unit identification...

...called "time shifted"; that is, recorded at one time an a 15 receiver station video **tape** recorder and played back at a subsequent time. If controller., 20, determines that the time...display Fig. 1C combined medium image information because said particular stations are preprogrammed with decryption **key** information of J but not of Z. Such statistics enable .programming suppliers to evaluate their...segment., and the end-of file signal that ends said message remain unencrypted. (The length **token** and any padding bits at the end of the command information in a message that...

16/3,K/24 (Item 19 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00152125

**RAPID ACCESSING APPARATUS AND METHOD FOR HELICALLY RECORDED MAGNETIC TAPE
DISPOSITIF A ACCES RAPIDE ET PROCEDE POUR BANDES MAGNETIQUES A
ENREGISTREMENT HELICOIDAL**

Patent Applicant/Assignee:

EXABYTE CORPORATION,

Inventor(s):

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RODRIGUEZ Juan A,

PISCIOтта E Christopher,

Patent and Priority Information (Country, Number, Date):

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Application: WO 88US1439 19880509 (PCT/WO US8801439)

Priority Application: US 87385 19870511

Designated States: AT BE CH DE FR GB IT JP LU NL SE

Publication Language: English

Fulltext Word Count: 3601

Fulltext Availability:

Detailed Description

Detailed Description

... and in which.

FIGURE 1 is a schematic illustration of a helical scanning arrangement for **use** in magnetic **tape** **recording** ;
FIGURE 2 is a block diagram illustrating the invention;
TO FIGURE 3 is a flow diagram indicating operation of the control unit in FIGURE 2 after receipt of a **tape** **mark** **WRITE** command;
FIGURE 4 is an illustration of a section of magnetic **tape** having data recorded thereon by a helical scan

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1.5 arrangement, as shown in FIGURE 1, and having incorporated thereon a **tape** mark as used in this invention;

FIGURE 5 is an illustration of one stripe of the plurality of stripes indicated in FIGURE 4 as having the -20 **tape** mark thereon, and shows the **tape** mark according to this invention recorded thereon;

FIGURE 6A is a typical waveform illustrating detection of the **tape** mark, recorded as illustrated in FIGURES 4 and 5, with the **playback - device** operating at normal playback speed;

FIGURE 6B is a typical waveform showing detection of the **tape** mark recorded as illustrated in FIGURES 4 and 5, with the **playback device** operating at a search speed higher than normal playback speed;

FIGURE 7 is a block diagram of the detector unit used for detection of recorded **tape** marks according to this invention;

FIGURE 8 is a flow diagram indicating operation of the control unit in FIGURE 2 after receipt of a **tape** mark DETECT command; and

FIGURE 9 is a typical waveform illustrating the output from the detector shown in FIGURE 7, and indicating detected **tape** marks above a predetermined threshold,

Description of the Invention

For helical scan recording, a plurality...

...as heads 12A, 12B, and 12C are physically located on rotatable drum 14 having **tape** 16 partially wrapped around the drum, as illustrated in FIGURE 1, As indicated in...

...data signals, and adds thereto various referencing signals from referencing signal generating unit 22, A **digital tape mark** (DTM) is **included** in these referencing signals to provide detailed physical location information, In accordance with this invention, **tape** mark signal generator 24 is also connected with WRITE signal processing unit 20 and provides **tape** drive 28 which controls the speed of **tape** 16. A

flow chart showing the sequence of events provided for by control unit 26 during the **tape** mark WRITE mode is provided in FIGURE 3a

As also indicated in FIGURE 2, the...

...output and also provides an input to control unit 26 to control the speed of **tape** 16.

Control unit 26 controls READ signal processing unit 30 in response to DETECT signals...

?

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? show files

File 350:Derwent WPIX 1963-2003/UD,UM &UP=200365
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File 344:Chinese Patents Abs Aug 1985-2003/Apr
(c) 2003 European Patent Office
File 347:JAPIO Oct 1976-2003/Jun(Updated 031006)
(c) 2003 JPO & JAPIO
File 371:French Patents 1961-2002/BOPI 200209
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File 348:EUROPEAN PATENTS 1978-2003/Oct W01
(c) 2003 European Patent Office
File 349:PCT FULLTEXT 1979-2002/UB=20031009,UT=20031002
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File 2:INSPEC 1969-2003/Oct W1
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(c) 2003 The HW Wilson Co.
File 233:Internet & Personal Comp. Abs. 1981-2003/Jul
(c) 2003, EBSCO Pub.
File 256:SoftBase:Reviews,Companies&Prods. 82-2003/Sep
(c)2003 Info.Sources Inc
File 474:New York Times Abs 1969-2003/Oct 14
(c) 2003 The New York Times
File 475:Wall Street Journal Abs 1973-2003/Oct 13
(c) 2003 The New York Times
File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13
(c) 2002 The Gale Group
File 15:ABI/Inform(R) 1971-2003/Oct 13
(c) 2003 ProQuest Info&Learning
File 16:Gale Group PROMT(R) 1990-2003/Oct 14
(c) 2003 The Gale Group
File 148:Gale Group Trade & Industry DB 1976-2003/Oct 15
(c)2003 The Gale Group
File 160:Gale Group PROMT(R) 1972-1989
(c) 1999 The Gale Group
File 275:Gale Group Computer DB(TM) 1983-2003/Oct 14
(c) 2003 The Gale Group
File 621:Gale Group New Prod.Annou.(R) 1985-2003/Oct 15
(c) 2003 The Gale Group
File 9:Business & Industry(R) Jul/1994-2003/Oct 14
(c) 2003 Resp. DB Svcs.
File 20:Dialog Global Reporter 1997-2003/Oct 15
(c) 2003 The Dialog Corp.
File 476:Financial Times Fulltext 1982-2003/Oct 15
(c) 2003 Financial Times Ltd
File 610:Business Wire 1999-2003/Oct 15
(c) 2003 Business Wire.
File 613:PR Newswire 1999-2003/Oct 15
(c) 2003 PR Newswire Association Inc
File 634:San Jose Mercury Jun 1985-2003/Oct 14
(c) 2003 San Jose Mercury News
File 636:Gale Group Newsletter DB(TM) 1987-2003/Oct 14
(c) 2003 The Gale Group
File 810:Business Wire 1986-1999/Feb 28
(c) 1999 Business Wire
File 813:PR Newswire 1987-1999/Apr 30
(c) 1999 PR Newswire Association Inc

Inventor Search

Search Report from Ginger R. DeMille

? ds

Set	Items	Description
S1	45	AU=(COLLART T? OR COLLART, T?)
S2	739115	(TRACK? OR TRACE? OR MONITOR? OR IDENTIFY? OR SURVEILLANCE? OR DETECT? OR WATCH? OR RECORDING OR COMMUNICATING OR TRANSM- IT? OR TRANSMISSION OR RELAY?) (3N) (USAGE OR USE OR OPERATION - OR PLAYING OR OPERATE OR OPERATES OR OPERATING)
S3	14	S1 AND S2
S4	14	RD (unique items)

? t4/3,k/all

4/3,K/1 (Item 1 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014861040 **Image available**

WPI Acc No: 2002-681746/200273

Related WPI Acc No: 2001-257205; 2001-257208; 2001-265532; 2001-265544;
2001-290073; 2001-299414; 2001-307763; 2001-327635; 2001-602294;
2002-226168; 2002-339105; 2002-583356; 2002-607535; 2003-466170

XRPX Acc No: N02-538175

Recording medium usage tracking method e.g. for CD, DVD, involves
storing characteristic of recording medium along with identity of client
device in database

Patent Assignee: COLLART T R (COLL-I)

Inventor: COLLART T R

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20020091575	A1	20020711	US 2000220400	P	20000724	200273 B
			US 2001912079	A	20010724	

Priority Applications (No Type Date): US 2000220400 P 20000724; US
2001912079 A 20010724

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 20020091575	A1	54	G06G-001/14	Provisional application US 2000220400

Recording medium usage tracking method e.g. for CD, DVD, involves
storing characteristic of recording medium along with identity...

Inventor: COLLART T R

Abstract (Basic):

... For tracking and controlling the usage of recording medium
such as compact disk (CD), digital versatile disk (DVD), etc., storing
multimedia contents...

4/3,K/2 (Item 2 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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013805861 **Image available**

WPI Acc No: 2001-290073/200130

Related WPI Acc No: 2001-257205; 2001-257208; 2001-265532; 2001-265544;
2001-299414; 2001-307763; 2001-327635; 2001-602294; 2002-226168;
2002-339105; 2002-583356; 2002-607535; 2002-681746; 2003-466170

XRPX Acc No: N01-207205

Information distribution tracking method for tracking content of video on

your applicant

Search Report from Ginger R. DeMille

compact disk, involves detecting and transmitting tracking information to server computer when package is connected with computer

Patent Assignee: INTERACTUAL TECHNOLOGIES INC (INTE-N); RES & INVESTMENT NETWORK INC (REIN-N)

Inventor: **COLLART T R**

Number of Countries: 090 Number of Patents: 005

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200063861	A2	20001026	WO 2000US10420	A	20000418	200130 B
AU 200044677	A	20001102	AU 200044677	A	20000418	200130
EP 1173837	A2	20020123	EP 2000926092	A	20000418	200214
			WO 2000US10420	A	20000418	
CN 1408107	A	20030402	CN 2000809031	A	20000418	200345
JP 2003529117	W	20030930	JP 2000612906	A	20000418	200365
			WO 2000US10420	A	20000418	

Priority Applications (No Type Date): US 99295688 A 19990421

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
WO 200063861	A2	E	89 G08B-013/24	
Designated States (National): AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW				
Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SL SZ TZ UG ZW				
AU 200044677	A		G08B-013/24	Based on patent WO 200063861
EP 1173837	A2	E	G08B-013/24	Based on patent WO 200063861
Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE				
CN 1408107	A		G08B-013/24	
JP 2003529117	W		104 G06F-017/60	Based on patent WO 200063861

Inventor: **COLLART T R**

Abstract (Basic):

... distribution of information like music, video on compact disk, digital video disk electronically also for **use** in electronic article **surveillance** system...

4/3,K/3 (Item 3 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2003 Thomson Derwent. All rts. reserv.

013772997 **Image available**

WPI Acc No: 2001-257208/200126

Related WPI Acc No: 2001-257205; 2001-265532; 2001-265544; 2001-290073; 2001-299414; 2001-307763; 2001-327635; 2001-602294; 2002-226168; 2002-339105; 2002-583356; 2002-607535; 2002-681746; 2003-466170

XRPX Acc No: N01-183440

Selective data access permitting method on electronic storage medium such as optical disc, involves precluding access to data upon unsuccessful verification of identifier

Patent Assignee: INTERACTUAL TECHNOLOGIES INC (INTE-N); RES INVESTMENT NETWORK INC (REIN-N)

Inventor: **COLLART T R**

Number of Countries: 092 Number of Patents: 006

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
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Search Report from Ginger R. DeMille

WO 200063799	A2	20001026	WO 2000US10396	A	20000418	200126	B
AU 200046466	A	20001102	AU 200046466	A	20000418	200126	
TW 466476	A	20011201	TW 2000107666	A	20000421	200252	
EP 1234250	A2	20020828	EP 2000928196	A	20000418	200264	
			WO 2000US10396	A	20000418		
US 6453420	B1	20020917	US 99296098	A	19990421	200264	
JP 2003509734	W	20030311	JP 2000612848	A	20000418	200319	
			WO 2000US10396	A	20000418		

Priority Applications (No Type Date): US 99296098 A 19990421

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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WO 200063799	A2	E	89	G06F-017/30	
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Designated States (National): AE AL AM AT AU AZ BA BB BG BR BY CA CH CN
CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE
SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR
IE IT KE LS LU MC MW NL OA PT SD SE SL SZ TZ UG ZW

AU 200046466	A		G06F-017/30	Based on patent WO 200063799
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TW 466476	A		G11B-027/10	
-----------	---	--	-------------	--

EP 1234250	A2	E	G06F-017/30	Based on patent WO 200063799
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Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LI
LU MC NL PT SE

US 6453420	B1		G06F-012/14	
------------	----	--	-------------	--

JP 2003509734	W	204	G06F-012/14	Based on patent WO 200063799
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Inventor: COLLART T R

Abstract (Basic):

... system such as electronic articles surveillance system utilizing
set of bits on electronic medium to **track** and control **use** of
content electronically...

4/3,K/4 (Item 1 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00905281 **Image available**

**SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR TRACKING AND SUPPORTING THE
DISTRIBUTION OF CONTENT ELECTRONICALLY**

**SYSTEME, PROCEDE ET ARTICLE DE FABRICATION POUR SUIVRE ET SUPPORTER LA
DISTRIBUTION DE CONTENUS ELECTRONIQUES**

Patent Applicant/Assignee:

RESEARCH INVESTMENT NETWORK INC, 2355 Main Street, Suite 200, Irvine, CA
92614, US, US (Residence), US (Nationality)

Inventor(s):

LAMKIN Allan, 4282 Farley Lane, San Diego, CA 92122, US,

COLLART Todd R, 206 Arbuelo Way, Los Altos, CA 94022, US

Legal Representative:

WONG Steve A (et al) (agent), Discovision Associates, P.O. Box 19616,
Irvine, CA 926239616, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200239359 A2 20020516 (WO 0239359)

Application: WO 2001US44104 20011106 (PCT/WO US0144104)

Priority Application: US 2000246652 20001107

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU
CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU
SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

Search Report from Ginger R. DeMille

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English
Filing Language: English
Fulltext Word Count: 8024

Inventor(s):

... **COLLART Todd R**
Fulltext Availability:
Detailed Description

Detailed Description

... 60/246,652 filed November 7, 2000,
for SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR **TRACKING**
USAGE OF LASER-CENTRIC MEDIUM which is incorporated herein by
reference.

Related documents, all of which...may translate into a commission or
other type incentive) for passing along the content.
In **operation**, the **tracking** identifier generator 102 creates tracking
identifiers that are later placed into the database 116 and...

4/3,K/5 (Item 2 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2003 WIPO/Univentio. All rts. reserv.

00871014 **Image available**

**SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR A COMMON CROSS PLATFORM
FRAMEWORK FOR DEVELOPMENT OF DVD-VIDEO CONTENT INTEGRATED WITH ROM
CONTENT**

**SYSTEME, PROCEDE ET ARTICLE DE FABRICATION DESTINES A UN CADRE DE
PLATES-FORMES ENTRECROISEES COMMUNES EN VUE DE L'ELABORATION DE CONTENU
DVD-VIDEO INTEGRES DANS UN CONTENU ROM**

Patent Applicant/Assignee:

INTERACTUAL TECHNOLOGIES INC, 100 Century Center Court #205, San Jose, CA
95112, US, US (Residence), US (Nationality)

Inventor(s):

LAMKIN Allan B, 4282 Farley Lane, San Diego, CA 92122, US,
COLLART Todd R, 206 Arbuelo Way, Los Altos, CA 94022, US

Legal Representative:

SAMPLES Kenneth H (agent), Fitch, Even, Tabin & Flannery, Room 1600, 120
South LaSalle Street, Chicago, IL 60603, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200205104 A1 20020117 (WO 0205104)

Application: WO 2001US21187 20010703 (PCT/WO US0121187)

Priority Application: US 2000216822 20000707; US 2001898479 20010702

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU
CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD
SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 17054

Search Report from Ginger R. DeMille

Inventor(s):

... **COLLART Todd R**

Fulltext Availability:

Detailed Description

Detailed Description

... to the InterActual™ HTML Cross Platform Authoring Guidelines document. This reference document outlines platform/browser **detection**, **use** of JavaScript files (.js files) and other HTML authoring techniques.
DVD/ROM Authoring Considerations.

ITX...c.

KaraokeEvent(b Called when karaoke Adv 0-1 event changes. Returns 1 if karaoke **track** has begun **playing**, 0 if just finished.

EjectEvent Called when disc is Y Base ejected from device.

No...

...Base 0 ~

oup title group 99

CurrentChapter Currently playing Base 0 chapter 99

CurrentTrack Currently **playing** y Base 0 **track** 99

CurrentDisplay Currently **playing** Base 0 display list item 99

CurrentState Current play state y Base 0 - 6 (0...

4/3,K/6 (Item 3 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

(c) 2003 WIPO/Univentio. All rts. reserv.

00820754 **Image available**

SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR REMOTE CONTROL AND NAVIGATION OF LOCAL CONTENT

SYSTEME, PROCEDE ET ARTICLE DE FABRICATION POUR COMMANDE A DISTANCE ET NAVIGATION D'UN CONTENU LOCAL

Patent Applicant/Assignee:

INTERACTUAL TECHNOLOGIES INC, 100 Century Center Court, #205, San Jose, CA 95112, US, US (Residence), US (Nationality)

Inventor(s):

COLLART Todd R, 206 Arbuelo Way, Los Altos, CA 94022, US,
LAMKIN Allan B, 4282 Farley Lane, San Diego, CA 92122, US,
GETSIN Evgeniy M, 11556 E. Powers Avenue, Englewood, CO 80111, US,
LEWIS Michael J, 2058 South Kenton Court, Aurora, CO 80014, US

Legal Representative:

RANNEY Kathleen A (et al) (agent), Fitch, Even, Tabin & Flannery, Suite 1600, 120 South LaSalle Street, Chicago, IL 60603, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200154344 A1 20010726 (WO 0154344)

Search Report from Ginger R. DeMille

Application: WO 2001US2143 20010122 (PCT/WO US0102143)
Priority Application: US 2000488345 20000120; US 2000488337 20000120; US
2000488143 20000120; US 2000488613 20000120; US 2000488155 20000120; US
2000489600 20000120; US 2000488614 20000120; US 2000489601 20000120; US
2000489596 20000120; US 2000499247 20000207
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ
DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG
SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 19216

Inventor(s):

COLLART Todd R ...

Fulltext Availability:

Detailed Description

Detailed Description

... client apparatuses and a host computer are adapted to be connected to a network. In **operation**, information is **transmitted** from the host computer to the memory storage device utilizing the network. This allows for...is adapted to be connected to a network along with a host computer(s). In **operation**, information is **transmitted** from the host computer to the at least one client apparatus utilizing the network. This ...Internet I 0 may be employed which operates using TCP/IP or IPX protocols.

In **operation** 202, information is **transmitted** from the host computer to the appropriate client apparatuses utilizing the network. This information allows...a site on a network, i.e. website.

In response to the request, information is **transmitted** in **operation** 506 to the requesting client apparatus utilizing the network. This information is adapted for identifying...

4/3,K/7 (Item 4 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00820414 **Image available**

**SYSTEM, METHOD, AND ARTICLE OF MANUFACTURE FOR EMBEDDED KEYWORDS IN VIDEO
SYSTEME, PROCEDE, ET ARTICLE DE FABRICATION POUR MOTS CLES INTEGRES DANS
UNE VIDEO**

Patent Applicant/Assignee:

INTERACTUAL TECHNOLOGIES INC, 100 Century Center Court #205, San Jose, CA
95112, US, US (Residence), US (Nationality)

Inventor(s):

GETSIN Evgeniy M, 11556 E. Powers Avenue, Englewood, CO 80111, US,

LEWIS Michael J, 2058 South Kenton Court, Aurora, CO 80014, US,

COLLART Todd R, 206 Arbuelo Way, Los Altos, CA 94022, US,

LAMKIN Allan B, 4282 Farley Lane, San Diego, CA 92122, US

Legal Representative:

RANNEY Kathleen A (et al) (agent), Fitch, Even, Tabin & Flannery, Suite
1600, 120 South LaSalle Street, Chicago, IL 60603, US,

Search Report from Ginger R. DeMille

Patent and Priority Information (Country, Number, Date):

Patent: WO 200153966 A1 20010726 (WO 0153966)
Application: WO 2001US2138 20010122 (PCT/WO US0102138)
Priority Application: US 2000489597 20000120

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ

DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG
SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 23965

Inventor(s):

... **COLLART Todd R**

Fulltext Availability:

Detailed Description

Detailed Description

... is the name given by the U.S. Federal

Communications Commission to digital TV, the **use** of digital
transmission of video and audio information on broadcast channels and
cable TV. ATV includes both high...scope of this document and are
described by the appropriate Internet standards.

Transport operators should **use** the standard IP **transmission** system
for the appropriate medium (IETF, ATSC, DVB, etc.). It is assumed that
when the...

4/3,K/8 (Item 5 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00751215

ELECTRONIC TRACKING OF AN ELECTRONIC STORAGE MEDIUM

PISTAGE ELECTRONIQUE D'UN SUPPORT DE STOCKAGE ELECTRONIQUE

Patent Applicant/Assignee:

INTERACTUAL TECHNOLOGIES INC, Suite 205, 100 Century Center Court, San
Jose, CA 95112, US, US (Residence), US (Nationality)

Inventor(s):

COLLART Todd R, 206 Arbuelo Way, Los Altos, CA 94022, US

Legal Representative:

STEPHENS L Keith, Hickman Stephens Coleman & Hughes, LLP, P.O. Box 52037,
Palo Alto, CA 94303-0746, US

Patent and Priority Information (Country, Number, Date):

Patent: WO 200063829 A1 20001026 (WO 0063829)

Application: WO 2000US10413 20000418 (PCT/WO US0010413)

Priority Application: US 99295689 19990421

Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES

FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD
MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ
VN YU ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 25798

Inventor(s):

COLLART Todd R ...

Fulltext Availability:

Detailed Description

Detailed Description

... distribution and tracking system that utilizes a set of bits on an electronic medium to **track** and control **use** of content electronically.

Background of the Invention

The now familiar compact disk preserves information as...will be easier to 1 5 hide and transport out of a store.

While the **use** of electronic article **surveillance** systems could partially compensate for the increased shoplifting threat, it will be appreciated that the...

...new, compact optical infonnation disk especially designed for tamper-proof use with an electronic article **surveillance** system through the **use** of an EAS marker that could be applied directly to the surface of the ...processing in accordance with a preferred embodiment; Figure 18 is a flowchart of a logging **operation** for **tracking** piracy and misuse of a DVD ilizingBCA information for intelligent processing in accordance with a...to a specific region/retailer as shown in ftinction block 230 RemoteTrak/BCATrak Server and **track** illegal region code **use** and potentially **trace** back to retailer/distributor as shown in function block 230 RemoteTrak/BCATrak Server.

General/Advertising...associated with the unlocking operation 1770.

36

Figure 18 is a flowchart of a logging **operation** for **tracking** piracy and misuse of a DVD utilizing BCA information for intelligent processing in accordance with...

...1850. The logging information can be used to localize pirated discs to a specific region, **track** illegal region code **use** , and **trace** misuse/pirated DVDs back to retailer, distributor, manufacturer, or content developer.

Support Services

Figure 19...

4/3,K/9 (Item 6 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00750509 **Image available**

SYSTEM, METHOD AND ARTICLE FOR TRACKING THE DISTRIBUTION OF CONTENT ELECTRONICALLY OF A LASER-DISC-MEDIUM

SYSTEME, PROCEDE ET ARTICLE PRODUIT POUR LE SUPPORT RESEAU INTERACTIF D'INFORMATIONS BASEES SUR LE CONTENU ELECTRONIQUE D'UN SUPPORT LASER

Patent Applicant/Assignee:

INTERACTUAL TECHNOLOGIES INC, Suite 205, 100 Century Center Court, San Jose, CA 95112, US, US (Residence), US (Nationality)

Inventor(s):

COLLART Todd R , 206 Arbuelo Way, Los Altos, CA 94022, US

Search Report from Ginger R. DeMille

Legal Representative:

STEPHENS L Keith (agent), Hickman Stephens Coleman & Hughes, LLP, P.O.
Box 52037, Palo Alto, CA 94303-0746, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200063903 A2-A3 20001026 (WO 0063903)

Application: WO 2000US10401 20000418 (PCT/WO US0010401)

Priority Application: US 99296202 19990421

Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK

DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR

LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ

TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 25024

Inventor(s):

COLLART Todd R ...

Fulltext Availability:

Detailed Description

Detailed Description

... distribution and tracking system that utilizes a set of bits on an electronic medium to **track** and control **use** of content electronically, and more specifically provides for the support of the electronic information from...accordance with a preferred embodiment; I 0 Figure 18 is a flowchart of a logging **operation** for **tracking** piracy and misuse of a DVD utilizing BCA information for intelligent processing in accordance with a...to a specific region/retailer as shown in function block 230 RemoteTrak/BCATrak Server and **track** illegal region code **use** and potentially **trace** back to retailer/distributor as shown in function block 230 RemoteTrak/BCATrak Server.

General/Advertising...events associated with the unlocking operation 1770.

Figure 18 is a flowchart of a logging **operation** for **tracking** piracy and misuse of a DVD utilizing BCA information for intelligent processing in accordance with...

...1850. The logging information can be used to localize pirated discs to a specific region, **track** illegal region code **use**, and **trace** misuse/pirated DVI)s back to retailer, distributor, manufacturer, or content developer.

Support Services

36...

4/3,K/10 (Item 7 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

(c) 2003 WIPO/Univentio. All rts. reserv.

00750474 **Image available**

SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR TARGETTED ADVERTISEMENT BASED ON THE ELECTRONIC CONTENT OF A LASER-CENTRIC MEDIUM

SYSTEME, PROCEDE ET ARTICLE PRODUIT POUR LA PROMOTION PUBLICITAIRE CIBLEE BASEE SUR LE CONTENU ELECTRONIQUE D'UN SUPPORT LASER

Search Report from Ginger R. DeMille

Patent Applicant/Assignee:

INTERACTUAL TECHNOLOGIES INC, Suite 205, 100 Century Center Court, San Jose, CA 95112, US, US (Residence), US (Nationality)

Inventor(s):

COLLART Todd R , 206 Arbuelo Way, Los Altos, CA 94022, US

Legal Representative:

STEPHENS L Keith, Hickman Stephens Coleman & Hughes, LLP, P.O. Box 52037, Palo Alto, CA 94303-0746, US

Patent and Priority Information (Country, Number, Date):

Patent: WO 200063861 A2 20001026 (WO 0063861)

Application: WO 2000US10420 20000418 (PCT/WO US0010420)

Priority Application: US 99295688 19990421

Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK

DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR

LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ

TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 24361

Inventor(s):

COLLART Todd R ...

Fulltext Availability:

Detailed Description

Detailed Description

... distribution and tracking system that utilizes a set of bits on an electronic medium to **track** and control **use** of content electronically.

Background of the Invention

The now familiar compact disk preserves information as...packages will be easier to hide and transport out of a store.

5

While the **use** of electronic article **surveillance** systems could partially compensate for the increased shoplifting threat, it will be appreciated that the...

...new, compact optical information disk especially designed for tamper-proof use with an electronic article **surveillance** system through the **use** of an EAS marker that could be applied directly to the surface of the compact...in accordance with a preferred embodiment;

7

Figure 18 is a flowchart of a logging **operation** for **tracking** piracy and misuse of a DVD utilizing BCA information for intelligent processing in accordance with a...to a specific region/retailer as shown in function block 230 RemoteTrak/BCATrak Server and **track** illegal region code **use** and potentially **trace** back to retailer/distributor as shown in function block 230 RemoteTrak/BCATrak Server.

General/Advertising...events associated with the unlocking operation 1770.

Figure 18 is a flowchart of a logging **operation** for **tracking** piracy and misuse of a DVD utilizing BCA information for intelligent processing in accordance with...

Search Report from Ginger R. DeMille

...1850. The logging information can be used to localize pirated discs to a specific region, **track** illegal region code **use**, and **trace** misuse/pirated DVI)s back to retailer, distributor, manufacturer, or content developer.

Support Services
36...

4/3,K/11 (Item 8 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00750473 **Image available**
SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR AUTHORIZING THE USE OF
ELECTRONIC CONTENT UTILIZING A LASER-CENTRIC MEDIUM AND A NETWORK
SERVER

SYSTEME, PROCEDE ET ARTICLE PRODUIT SERVANT A AUTORISER L'UTILISATION D'UN
CONTENU ELECTRONIQUE A L'AIDE D'UN SUPPORT LASER ET D'UN SERVEUR RESEAU

Patent Applicant/Assignee:

INTERACTUAL TECHNOLOGIES INC, Suite 205, 100 Century Center Court, San
Jose, CA 95112, US, US (Residence), US (Nationality)

Inventor(s):

COLLART Todd R , 206 Arbuelo Way, Los Altos, CA, US

Legal Representative:

STEPHENS L Keith (agent), Hickman Stephens Coleman & Hughes, LLP, P.O.
Box 52037, Palo Alto, CA 94303-0746, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200063860 A1 20001026 (WO 0063860)

Application: WO 2000US10414 20000418 (PCT/WO US0010414)

Priority Application: US 99295964 19990421

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE

DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC

LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK

SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 26043

Inventor(s):

COLLART Todd R ...

Fulltext Availability:

Detailed Description

Detailed Description

... distribution and tracking system that utilizes a set of bits on an
electronic medium to **track** and control **use** of content electronically
utilizing a network server.

Background of the Invention

The now familiar compact...smaller packages will be easier to hide and
transport out of a store.

While the **use** of electronic article **surveillance** systems could
partially compensate for the increased shoplifting threat, it will be

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appreciated that the **surveillance** system through the **use** of an EAS marker that could be applied directly to the surface of the compact... events associated with the unlocking operation 1770.

Figure 18 is a flowchart of a logging **operation** for **tracking** piracy and misuse of a DVD utilizing BCA information for intelligent processing in accordance...

...1850. The logging information can be used to localize pirated discs to a specific region, **track** illegal region code **use**, and **trace** misuse/pirated DVI(s) back to retailer, distributor, manufacturer, or content developer.

Support Services
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4/3,K/12 (Item 9 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00750427 **Image available**

SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR THE PURCHASE AND USE OF ELECTRONIC CONTENT UTILIZING A LASER-CENTRIC MEDIUM
SYSTEME, PROCEDE ET ARTICLE PRODUIT POUR L'ACHAT ET L'UTILISATION D'UN CONTENU ELECTRONIQUE UTILISANT UN SUPPORT LASER

Patent Applicant/Assignee:

RESEARCH INVESTMENT NETWORK INC, Suite 200, 2355 Main Street, Irvine, CA 92614, US, US (Residence), US (Nationality)

Inventor(s):

COLLART Todd R, 206 Arbuelo Way, Los Altos, CA 94022, US

Legal Representative:

WONG Steve A (agent), Discovision Associates, P.O. Box 19616, Irvine, CA 92623, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200063810 A2 20001026 (WO 0063810)

Application: WO 2000US10395 20000418 (PCT/WO US0010395)

Priority Application: US 99295826 19990421

Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 24758

Inventor(s):

COLLART Todd R ...

Fulltext Availability:

Detailed Description

Detailed Description

... smaller packages will be easier to hide and transport out of a store.

While the **use** of electronic article **surveillance** systems could partially compensate for the increased shoplifting threat, it will be appreciated that the...processing in accordance with a preferred

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embodiment;

Figure 18 is a flowchart of a logging **operation** for **tracking** piracy and misuse of a DVD utilizing BCA information for intelligent processing in accordance with a...a specific region/retailer as

C
shown in function block 230 RemoteTrak/BCATrak Server and **track** illegal region code **use** and potentially **trace** back to retailer/distributor as shown in function block 230 RemoteTrak/BCATrak Server.

General...events associated with the unlocking operation 1770.

Figure 18 is a flowchart of a logging **operation** for **tracking** piracy and misuse of a DVD utilizing BCA information for intelligent processing in accordance...

...1850. The logging information can be used to localize pirated discs to a specific region. **track** illegal region code **use**, and **trace** misuse/pirated DVDs back to retailer, distributor, manufacturer, or content developer.

Support Services
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4/3,K/13 (Item 10 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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00750417 **Image available**

SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR AUTHORIZING THE USE OF ELECTRONIC CONTENT UTILIZING A LASER-CENTRIC MEDIUM
SYSTEME, PROCEDURE ET ARTICLE PRODUIT SERVANT A AUTORISER L'UTILISATION D'UN CONTENU ELECTRONIQUE UTILISANT UN SUPPORT LASER

Patent Applicant/Assignee:

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Inventor(s):

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Legal Representative:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200063799 A2-A3 20001026 (WO 0063799)

Application: WO 2000US10396 20000418 (PCT/WO US0010396)

Priority Application: US 99296098 19990421

Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK

DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR

LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ

TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 22306

Inventor(s):

COLLART Todd R ...

Fulltext Availability:

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Detailed Description

Detailed Description

... distribution and tracking system that utilizes a set of bits on an electronic medium to **track** and control **use** of content electronically.

Background of the Invention

The now familiar compact disk preserves information as...to the "jewelry box" for a compact disk. The compact disk is

4

While the **use** of electronic article **surveillance** systems could partially compensate for the increased shoplifting threat, it will be appreciated that the...

...new, compact optical information disk especially designed for tamper-proof use with an electronic article **surveillance** system through the **use** of an EAS marker that could be applied directly to the surface of the compact...processing in accordance with a preferred embodiment; Figure 18 is a flowchart of a logging **operation** for **tracking** piracy and misuse of a DVD utilizing BCA information for intelligent processing in accordance with a...events associated with the unlocking operation 1770.

Figure 18 is a flowchart of a logging **operation** for **tracking** piracy and misuse of a DVD utilizing BCA information for intelligent processing in accordance with...

...1850. The logging information can be used to localize pirated discs to a specific region, **track** illegal region code **use**, and **trace** misuse/pirated DVI's back to retailer, distributor, manufacturer, or content developer.

Support Services

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4/3,K/14 (Item 11 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00750395 **Image available**

TARGETED UPDATE OF A LASER-CENTRIC MEDIUM

MISE A JOUR CIBLE D'UN SUPPORT CENTRIQUE AU LASER

Patent Applicant/Assignee:

INTERACTUAL TECHNOLOGIES INC, Suite 205, 100 Century Center Court, San Jose, CA 95112, US, US (Residence), US (Nationality)

Inventor(s):

COLLART Todd R, 206 Arbuelo Way, Los Altos, CA 94022, US

Legal Representative:

STEPHENS L Keith, Hickman Stephens & Coleman & Hughes, LLP, P.O. Box 52037, Palo Alto, CA 94303-0746, US

Patent and Priority Information (Country, Number, Date):

Patent: WO 200063772 A1 20001026 (WO 0063772)

Application: WO 2000US10437 20000418 (PCT/WO US0010437)

Priority Application: US 99295856 19990421

Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK

DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR

LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ

TM TR TT TZ UA UG UZ VN YU ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

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(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 25453

Inventor(s):

COLLART Todd R ...

Fulltext Availability:

Detailed Description

Detailed Description

... distribution and tracking system that utilizes a set of bits on an electronic medium to **track** and control **use** of content electronically, and more specifically provides for the update of the electronic information from...will be easier to hide and transport out of a store.

1 5

While the **use** of electronic article **surveillance** systems could partially compensate for the increased shoplifting threat, it will be appreciated that the...

...new, compact optical information disk especially designed for tamper-proof use with an electronic article **surveillance** system through the **use** of an EAS marker that could be applied directly to the surface of the compact...processing in accordance with a preferred embodiment; Figure 18 is a flowchart of a logging **operation** for **tracking** piracy and misuse of a DVD utilizing BCA information for intelligent processing in accordance with a...to a specific region/retailer as shown in function block 230 RemoteTrak/BCATrak Server and **track** illegal region code **use** and potentially **trace** back to retailer/distributor as shown in function block 230 RemoteTrak/BCATrak Server.

General/Advertising...events associated with the unlocking operation 1770.

Figure 18 is a flowchart of a logging **operation** for **tracking** piracy and misuse of a DVD utilizing BCA information for intelligent processing in accordance with...

...1850. The logging information can be used to localize pirated discs to a specific region, **track** illegal region code **use**, and **trace** misuse/pirated DVI)s back to retailer, distributor, manufacturer, or content developer.

Support Services

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